

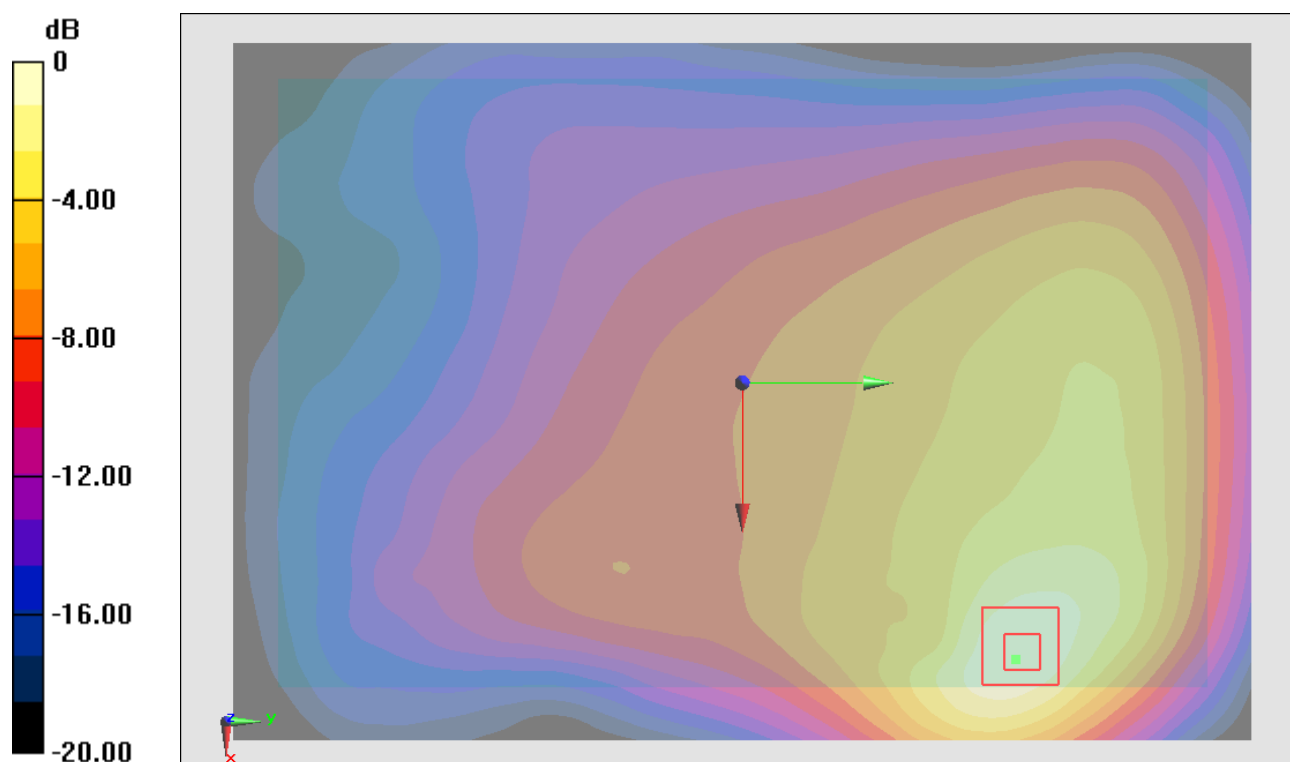
#12_GSM850_GPRS (2 Tx slots)_Bottom Face_1.4cm_Ch251**DUT: 202430**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_850_121121 Medium parameters used: $f = 849$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 54.483$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.8°C ; Liquid Temperature : 21.8°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch251/Area Scan (131x191x1): Measurement grid: $dx=15$ mm, $dy=15$ mmReference Value = 15.02 V/m ; Power Drift = -0.03 dB **Fast SAR: SAR(1 g) = 0.188 W/kg ; SAR(10 g) = 0.125 W/kg** Maximum value of SAR (interpolated) = 0.207 W/kg  $0 \text{ dB} = 0.207 \text{ W/kg} = -6.84 \text{ dBW/kg}$

#13_GSM850_GPRS (2 Tx slots)_Edge1_1.1cm_Ch251**DUT: 202430**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_850_121121 Medium parameters used: $f = 849$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 54.483$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.8°C ; Liquid Temperature : 21.8°C

DASY5 Configuration:

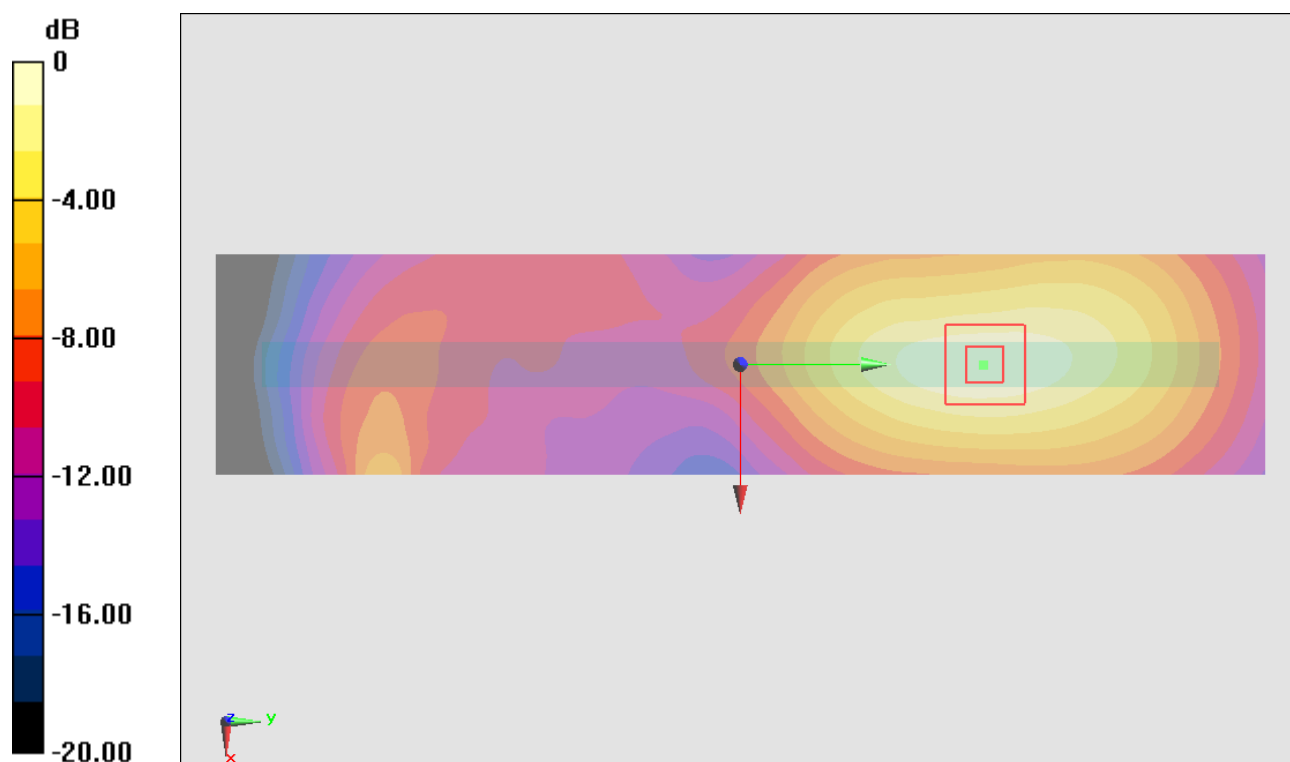
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch251/Area Scan (41x191x1): Measurement grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Reference Value = 13.3 V/m ; Power Drift = -0.02 dB

Fast SAR: SAR(1 g) = 0.149 W/kg ; SAR(10 g) = 0.094 W/kg

Maximum value of SAR (interpolated) = 0.163 W/kg



0 dB = 0.163 W/kg = -7.88 dBW/kg

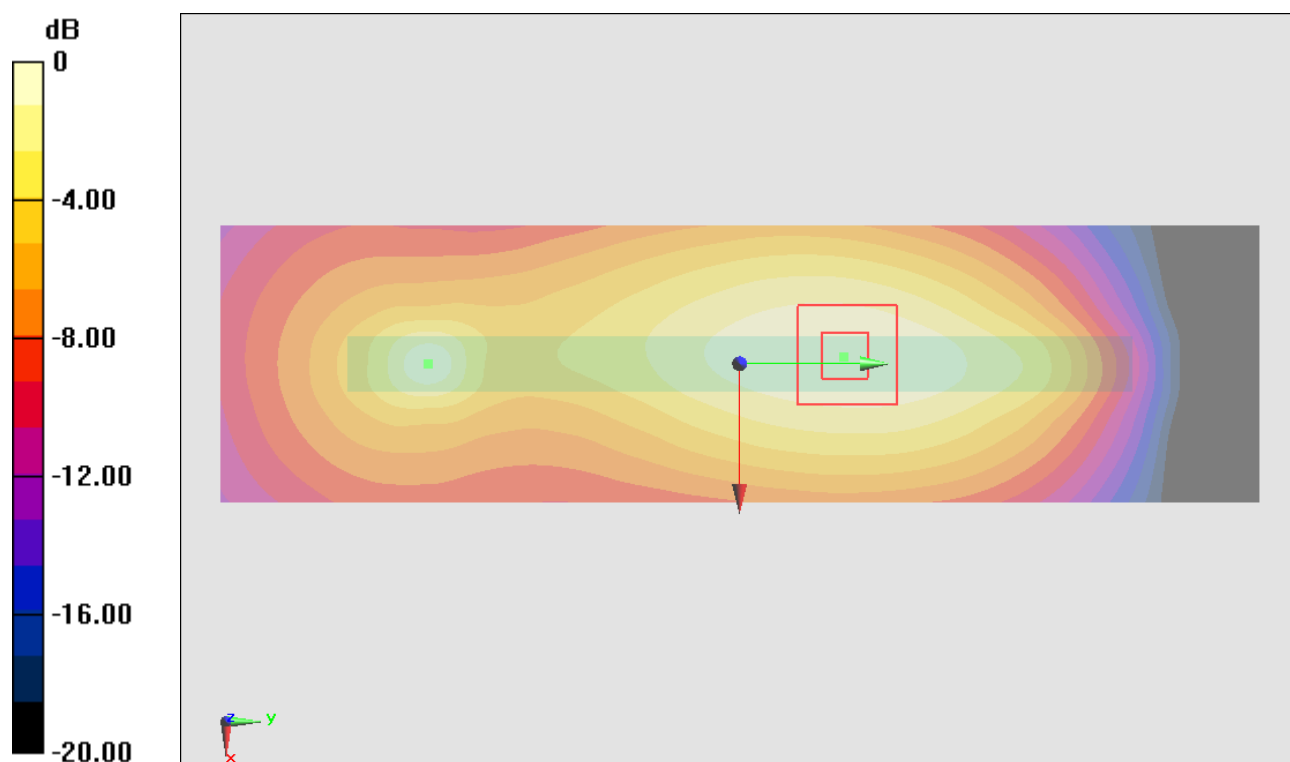
#14_GSM850_GPRS (2 Tx slots)_Edge2_0cm_Ch251**DUT: 2O2430**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_850_121121 Medium parameters used: $f = 849$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 54.483$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.8°C ; Liquid Temperature : 21.8°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch251/Area Scan (41x151x1): Measurement grid: $dx=15$ mm, $dy=15$ mmReference Value = 8.639 V/m ; Power Drift = -0.00 dB **Fast SAR: SAR(1 g) = 0.064 W/kg ; SAR(10 g) = 0.042 W/kg** Maximum value of SAR (interpolated) = 0.0685 W/kg 

#126_GSM850_GPRS (2 Tx slots)_Bottom Face_0cm_Ch251**DUT: 202430**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_850_121121 Medium parameters used: $f = 849$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 54.483$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.8°C ; Liquid Temperature : 21.8°C

DASY5 Configuration:

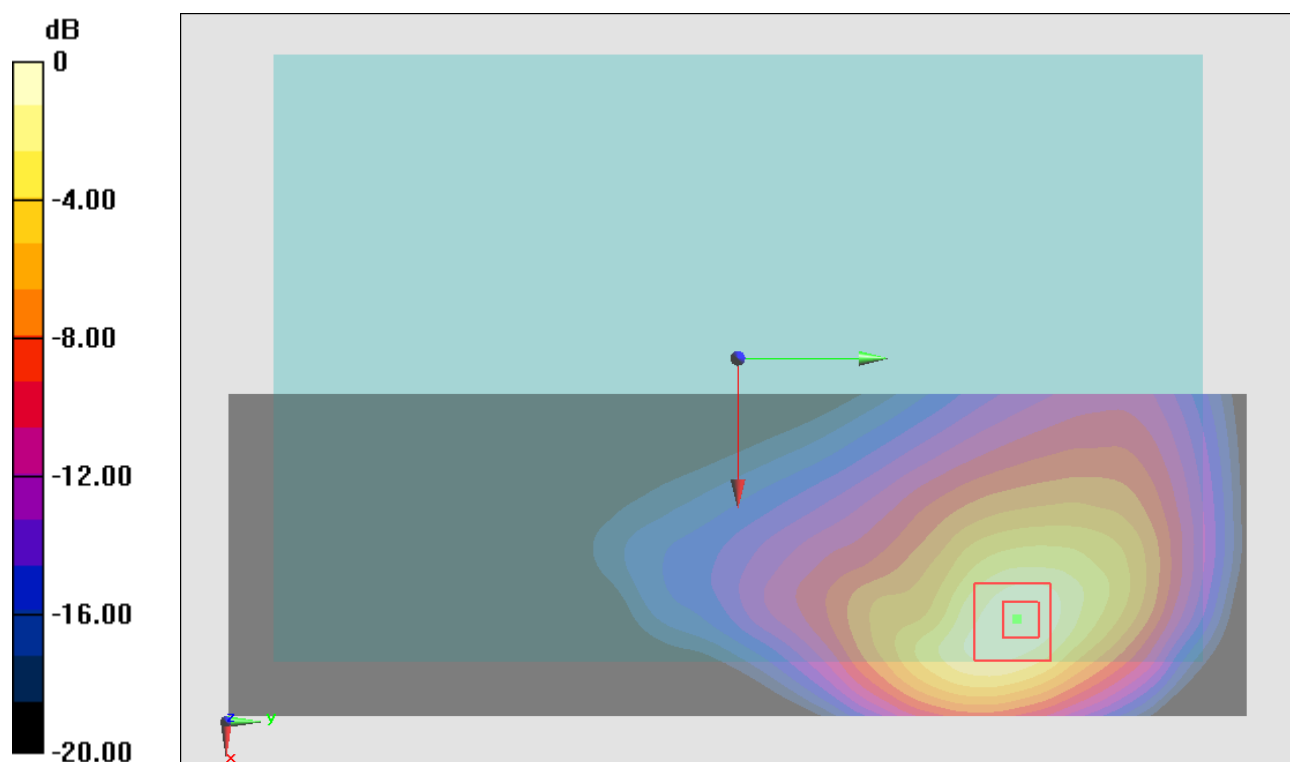
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch251/Area Scan (61x191x1): Measurement grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Reference Value = 32.72 V/m ; Power Drift = 0.01 dB

Fast SAR: SAR(1 g) = 0.830 W/kg ; SAR(10 g) = 0.522 W/kg

Maximum value of SAR (interpolated) = 0.922 W/kg



0 dB = 0.922 W/kg = -0.35 dBW/kg

#127_GSM850_GPRS (2 Tx slots)_Bottom Face_0cm_Ch128**DUT: 202430**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_850_121121 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.958$ mho/m; $\epsilon_r = 54.706$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch128/Area Scan (61x191x1): Measurement grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.992 W/kg

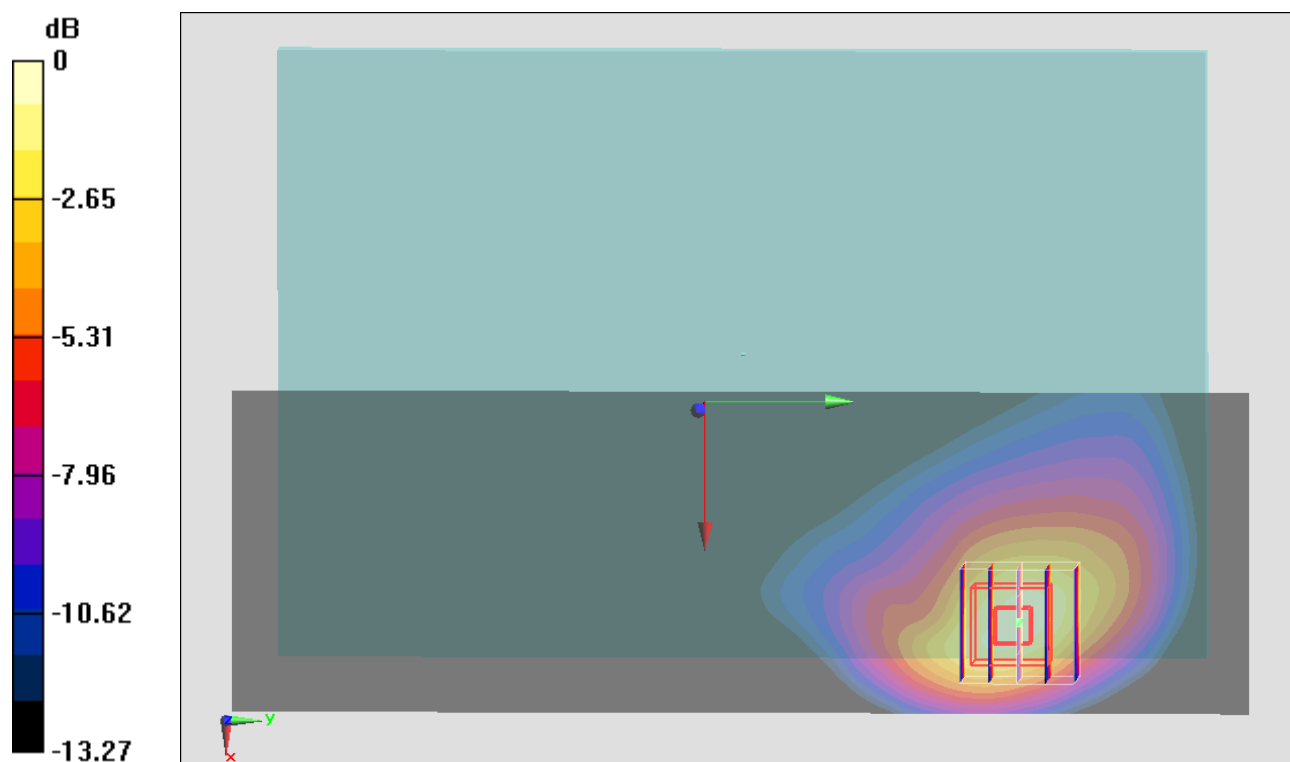
Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.377 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 0.961 W/kg; SAR(10 g) = 0.545 W/kg

Maximum value of SAR (measured) = 1.05 W/kg



#165_GSM850_GPRS (2 Tx slots)_Bottom Face_0cm_Ch128_Repeat**DUT: 2O2430**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_850_121121 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.958$ mho/m; $\epsilon_r = 54.706$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch128/Area Scan (61x191x1): Measurement grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.01 W/kg

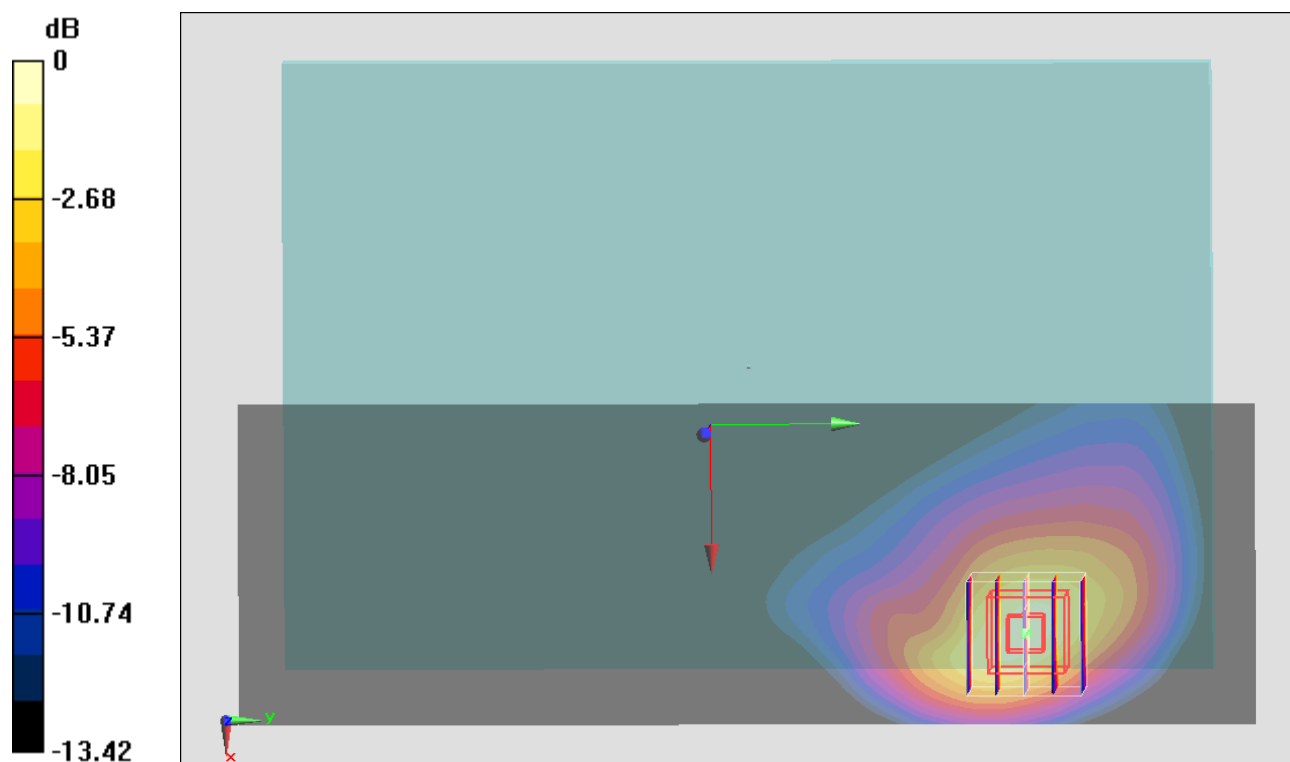
Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.133 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.997 W/kg; SAR(10 g) = 0.551 W/kg

Maximum value of SAR (measured) = 1.09 W/kg



#165_GSM850_GPRS (2 Tx slots)_Bottom Face_0cm_Ch128_Repeat_2D**DUT: 202430**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_850_121121 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.958$ mho/m; $\epsilon_r = 54.706$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch128/Area Scan (61x191x1): Measurement grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 1.01 W/kg

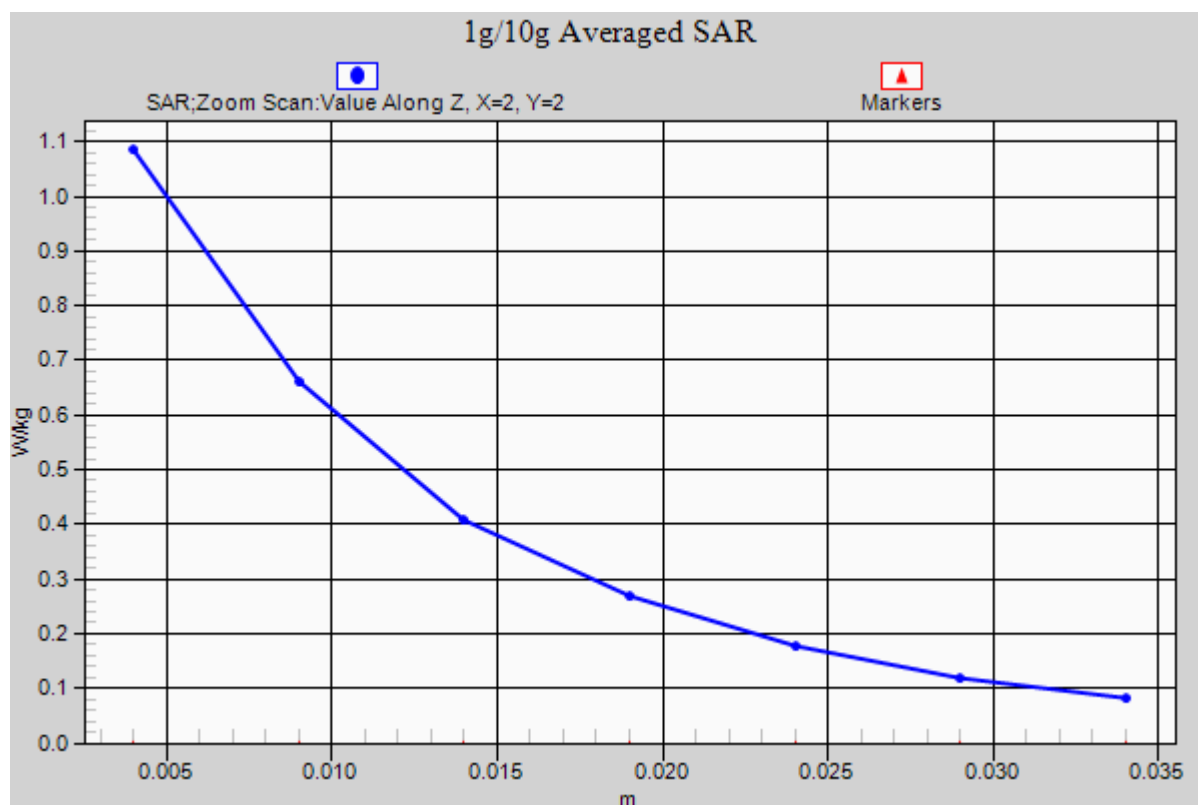
Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.133 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.997 W/kg; SAR(10 g) = 0.551 W/kg

Maximum value of SAR (measured) = 1.09 W/kg



#128_GSM850_GPRS (2 Tx slots)_Bottom Face_0cm_Ch189**DUT: 202430**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL_850_121121 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 54.587$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

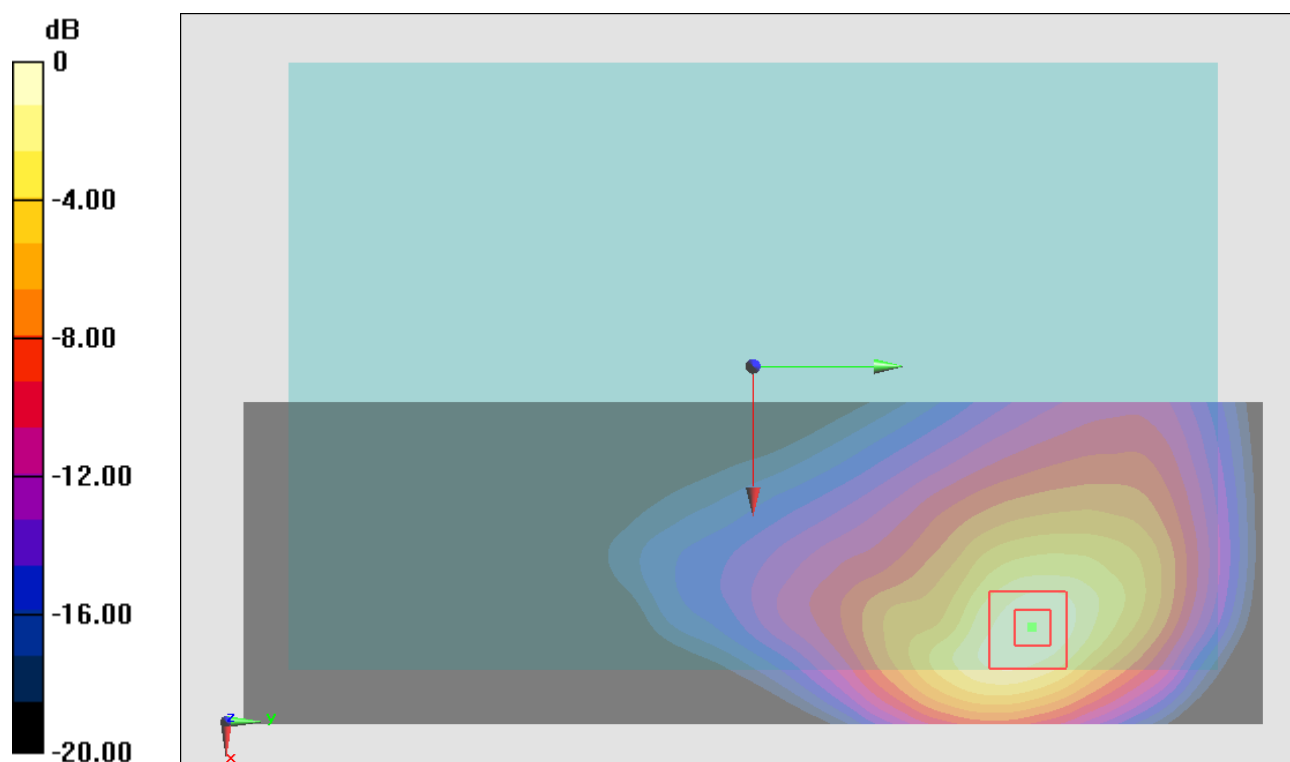
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch189/Area Scan (61x191x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 32.72 V/m; Power Drift = -0.04 dB

Fast SAR: SAR(1 g) = 0.863 W/kg; SAR(10 g) = 0.545 W/kg

Maximum value of SAR (interpolated) = 0.958 W/kg



#129_GSM850_GPRS (2 Tx slots)_Edge 1_0cm_Ch251**DUT: 202430**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_850_121121 Medium parameters used: $f = 849$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 54.483$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.8°C ; Liquid Temperature : 21.8°C

DASY5 Configuration:

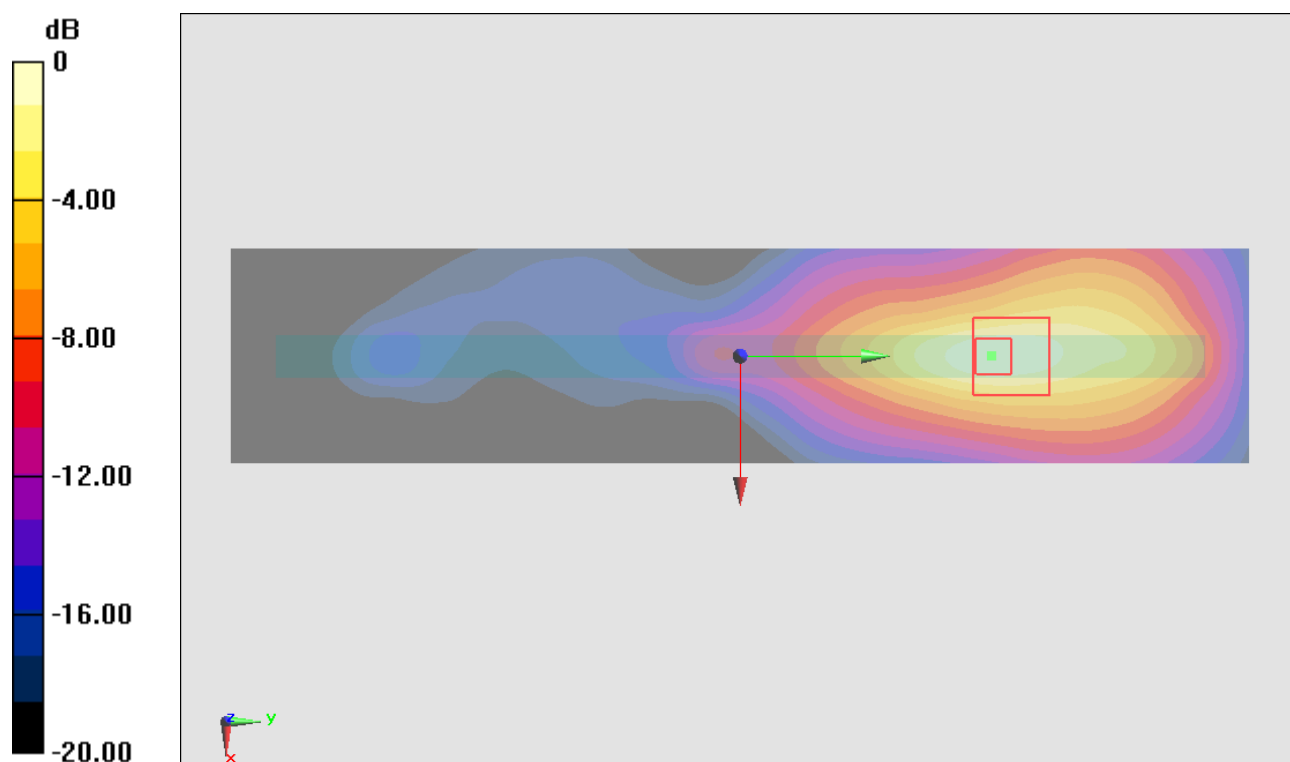
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch251/Area Scan (41x191x1): Measurement grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Reference Value = 28.8 V/m ; Power Drift = -0.11 dB

Fast SAR: SAR(1 g) = 0.666 W/kg ; SAR(10 g) = 0.379 W/kg

Maximum value of SAR (interpolated) = 0.789 W/kg



0 dB = 0.789 W/kg = -1.03 dBW/kg

#135_GSM850_GPRS (2 Tx slots)_Edge 1_0cm_Ch251_Curve SAR**DUT: 202430**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_850_121121 Medium parameters used: $f = 849$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 54.483$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.8°C ; Liquid Temperature : 21.8°C

DASY5 Configuration:

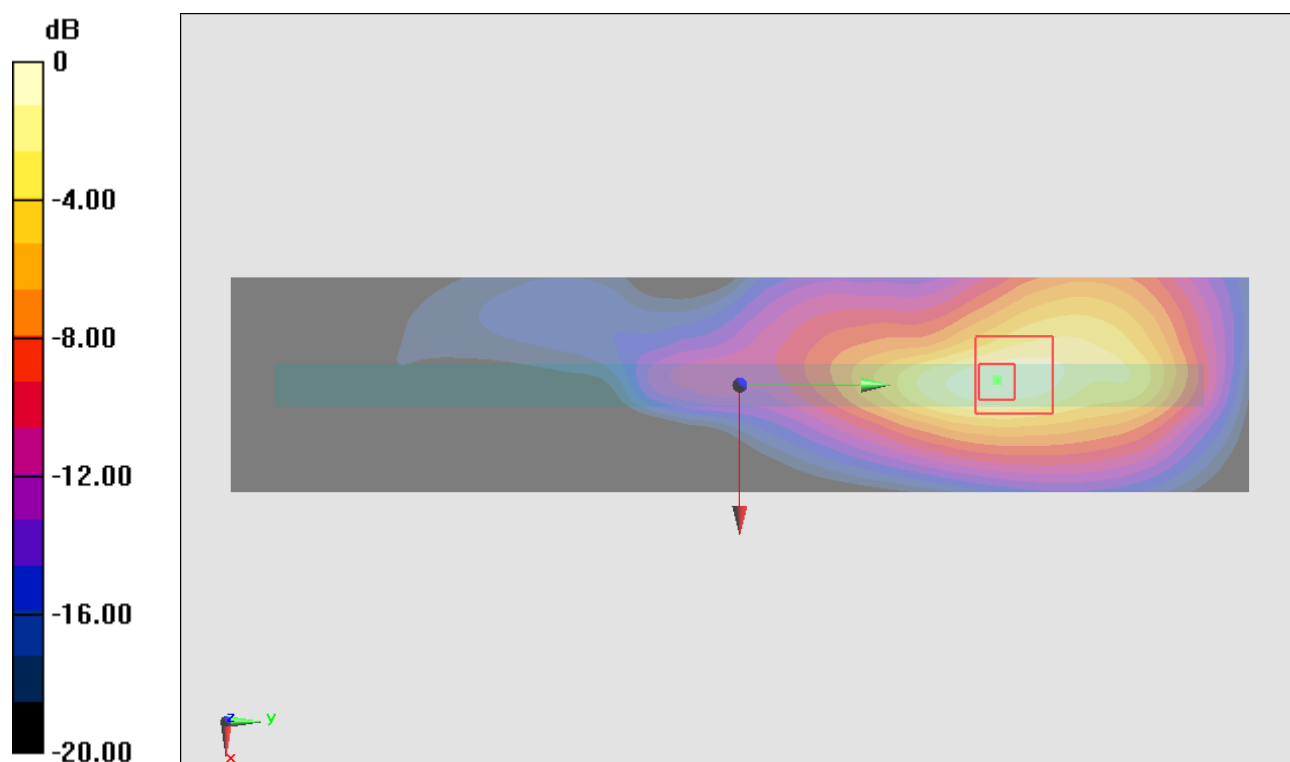
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch251/Area Scan (41x191x1): Measurement grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Reference Value = 31.47 V/m ; Power Drift = -0.10 dB

Fast SAR: SAR(1 g) = 0.824 W/kg ; SAR(10 g) = 0.475 W/kg

Maximum value of SAR (interpolated) = 0.977 W/kg



#162_GSM850_GPRS (2 Tx slots)_Edge 1_0cm_Ch128_Curve SAR**DUT: 2O2430**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL_850_121121 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.958$ mho/m; $\epsilon_r = 54.706$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

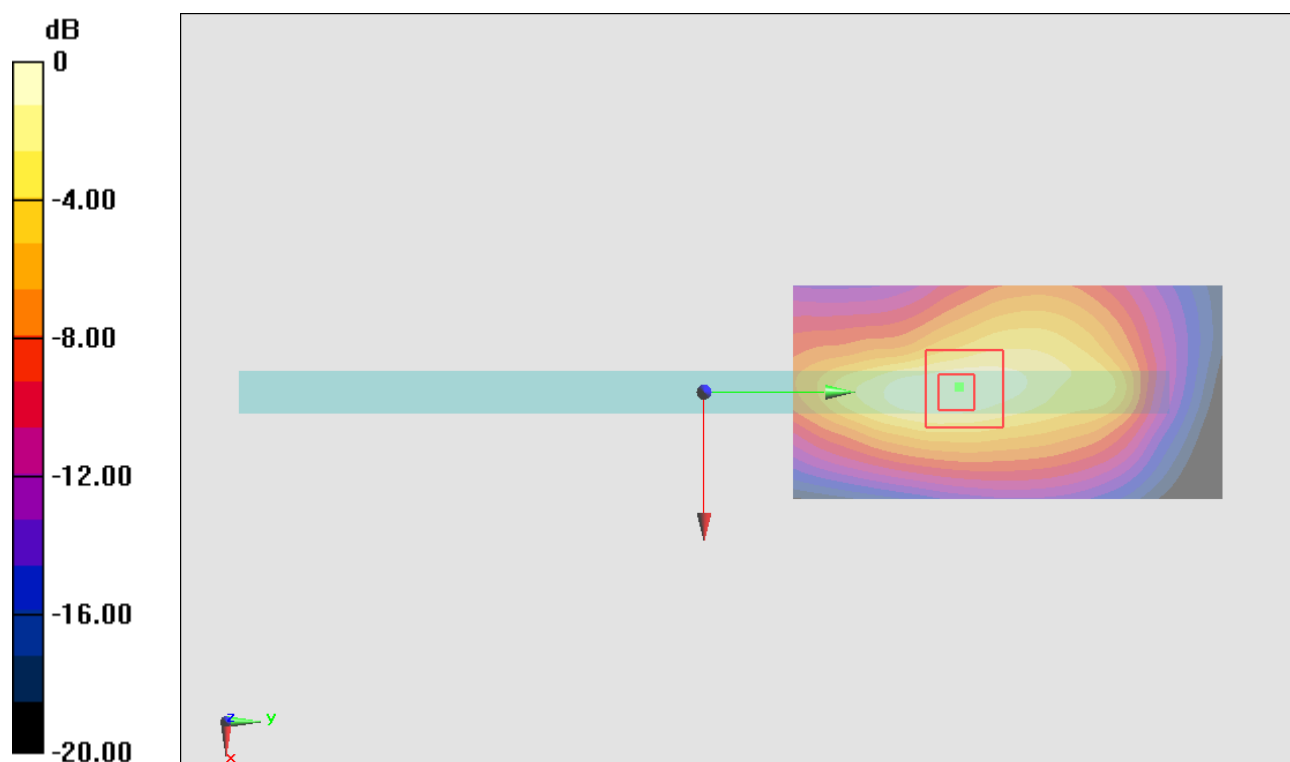
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch128/Area Scan (41x81x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 29.799 V/m; Power Drift = -0.12 dB

Fast SAR: SAR(1 g) = 0.694 W/kg; SAR(10 g) = 0.400 W/kg

Maximum value of SAR (interpolated) = 0.795 W/kg



0 dB = 0.795 W/kg = -1.00 dBW/kg

#163_GSM850_GPRS (2 Tx slots)_Edge 1_0cm_Ch189_Curve SAR**DUT: 2O2430**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL_850_121121 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 54.587$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

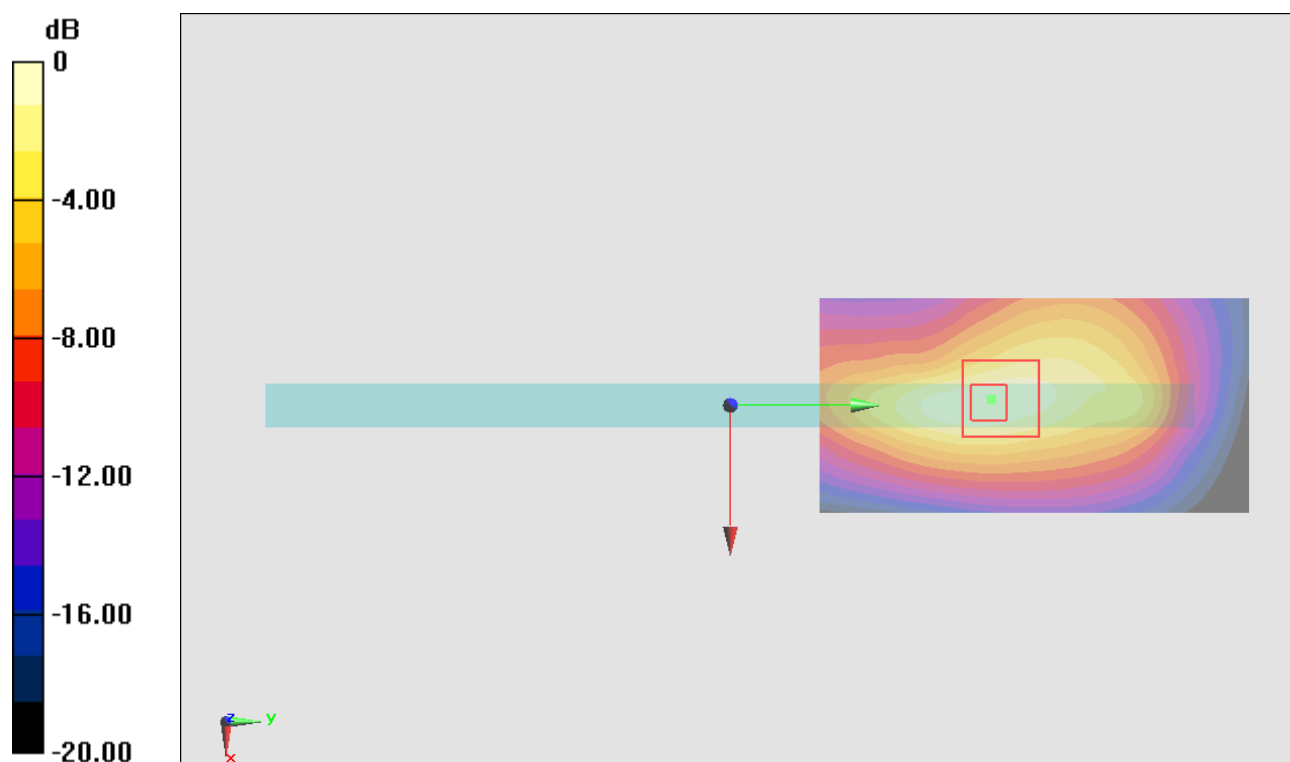
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch189/Area Scan (41x81x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 30.793 V/m; Power Drift = -0.11 dB

Fast SAR: SAR(1 g) = 0.737 W/kg; SAR(10 g) = 0.426 W/kg

Maximum value of SAR (interpolated) = 0.852 W/kg



#19_GSM1900_GPRS (2 Tx slots)_Bottom Face_1.4cm_Ch661**DUT: 202430**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_121123 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r = 54.557$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

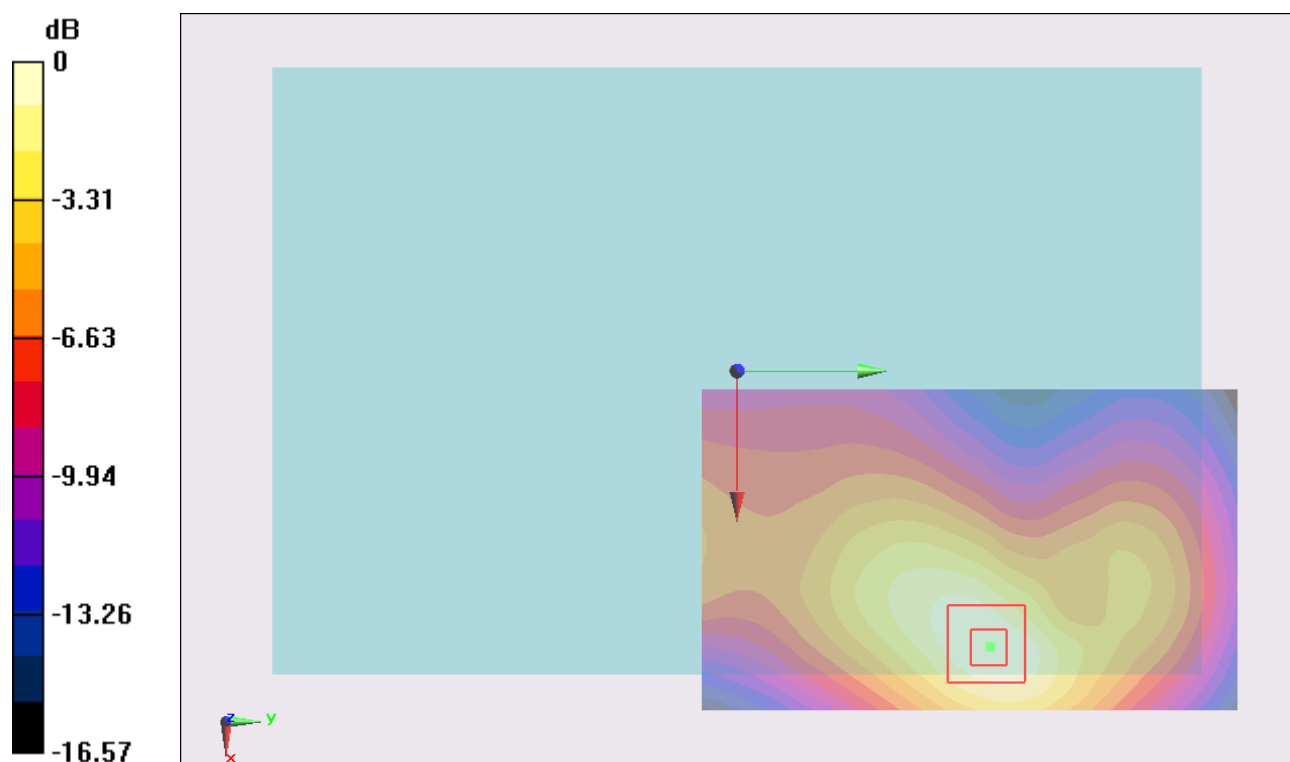
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch661/Area Scan (61x101x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 14.55 V/m; Power Drift = 0.06 dB

Fast SAR: SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.143 W/kg

Maximum value of SAR (interpolated) = 0.271 W/kg



0 dB = 0.271 W/kg = -5.67 dBW/kg

#20_GSM1900_GPRS (2 Tx slots)_Edge 1_1.1cm_Ch661**DUT: 202430**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_121123 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r = 54.557$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

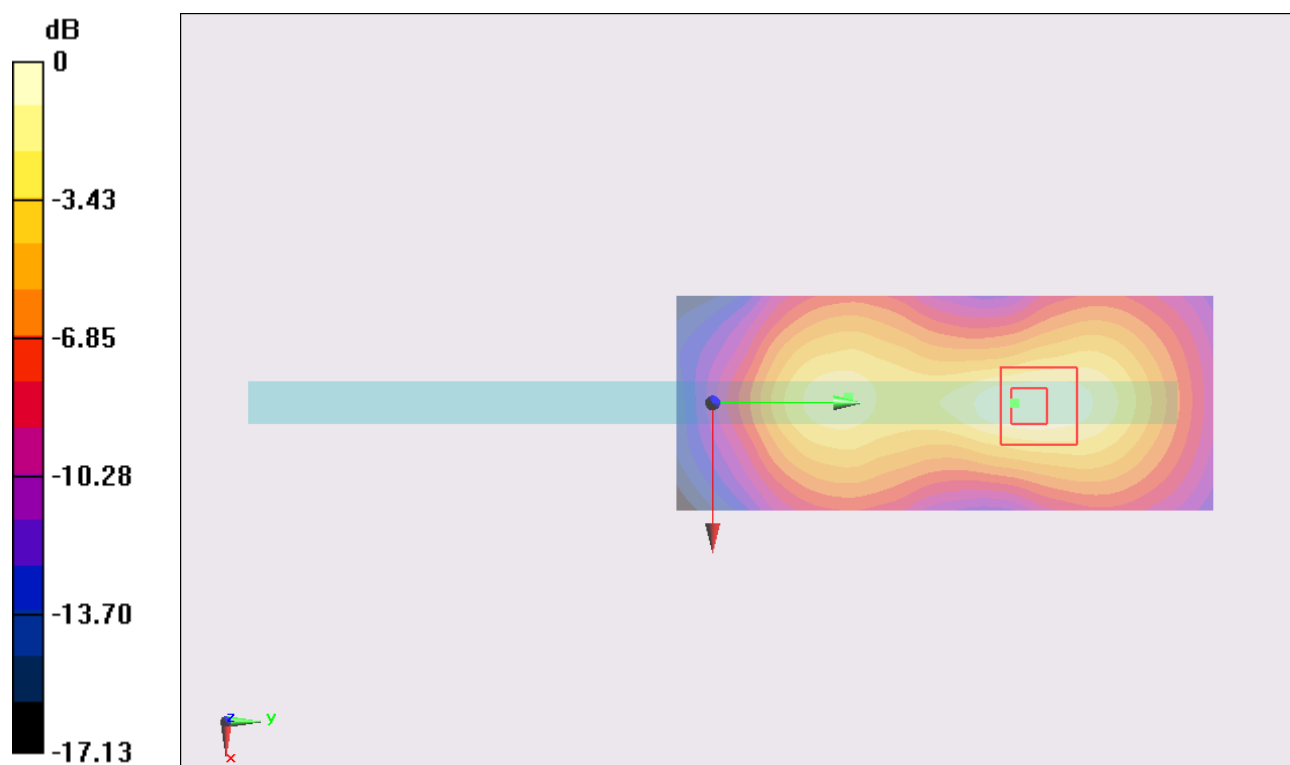
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch661/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 22.07 V/m; Power Drift = 0.02 dB

Fast SAR: SAR(1 g) = 0.537 W/kg; SAR(10 g) = 0.296 W/kg

Maximum value of SAR (interpolated) = 0.615 W/kg



#21_GSM1900_GPRS (2 Tx slots)_Edge 2_0cm_Ch661**DUT: 2O2430**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_121123 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r = 54.557$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

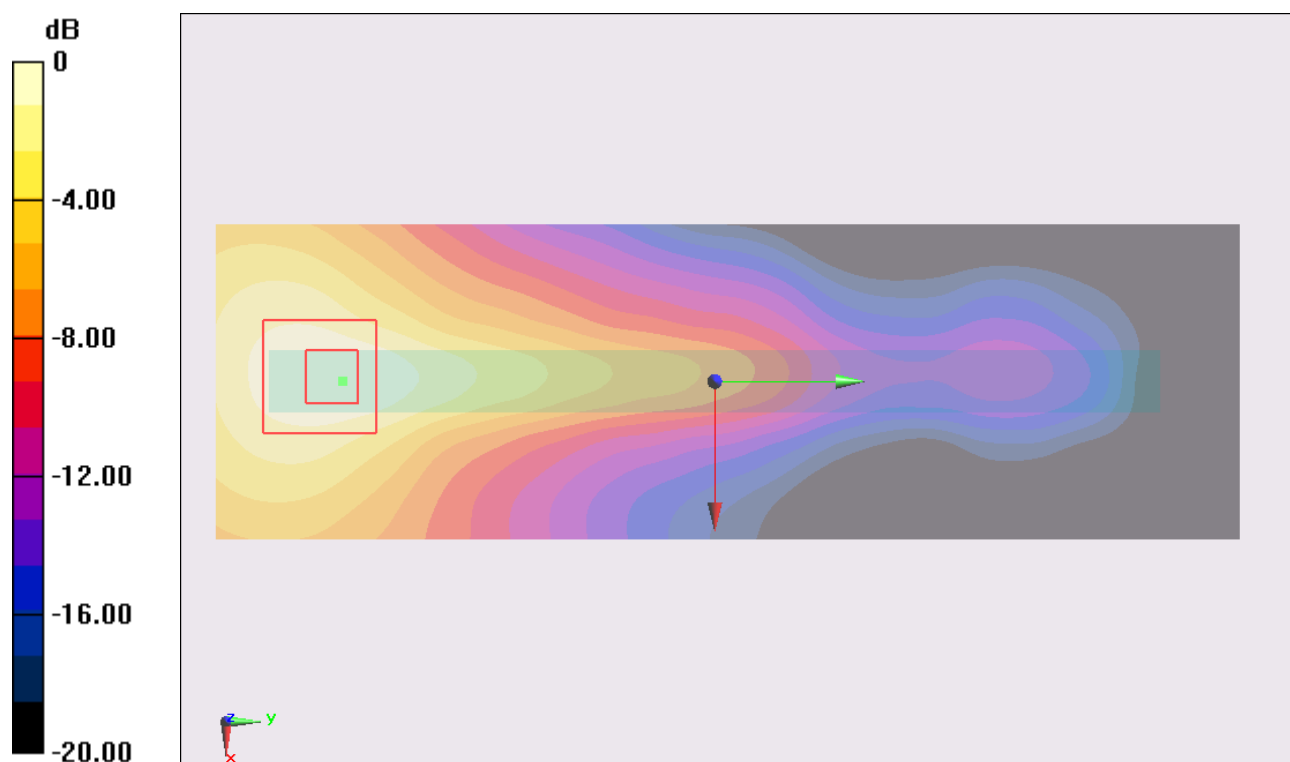
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch661/Area Scan (41x131x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 12.92 V/m; Power Drift = -0.02 dB

Fast SAR: SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.089 W/kg

Maximum value of SAR (interpolated) = 0.176 W/kg



0 dB = 0.176 W/kg = -7.54 dBW/kg

#15_GSM1900_GPRS (2 Tx slots)_Bottom Face_0cm_Ch661**DUT: 202430**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_121123 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r = 54.557$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

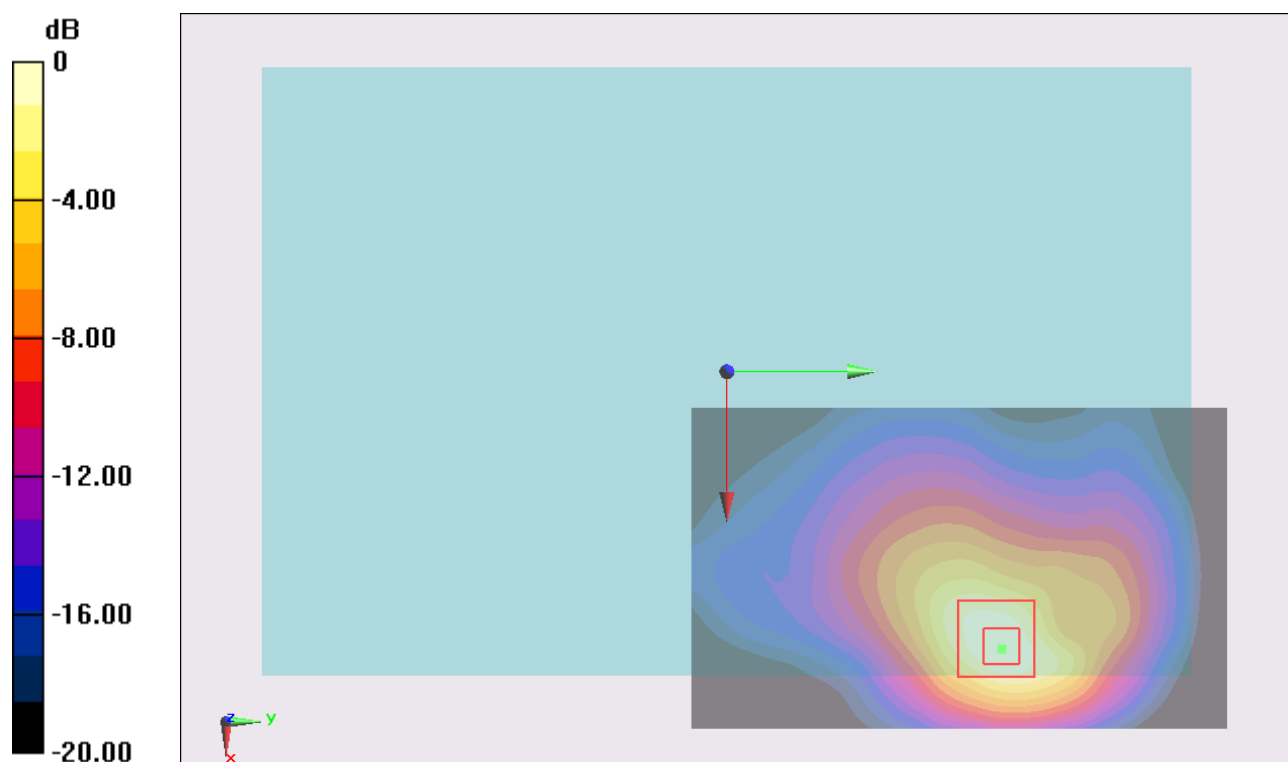
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch661/Area Scan (61x101x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 1.262 V/m; Power Drift = -0.03 dB

Fast SAR: SAR(1 g) = 0.380 W/kg; SAR(10 g) = 0.205 W/kg

Maximum value of SAR (interpolated) = 0.447 W/kg



0 dB = 0.447 W/kg = -3.50 dBW/kg

#16_GSM1900_GPRS (2 Tx slots)_Edge 1_0cm_Ch661**DUT: 2O2430**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_121123 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r = 54.557$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

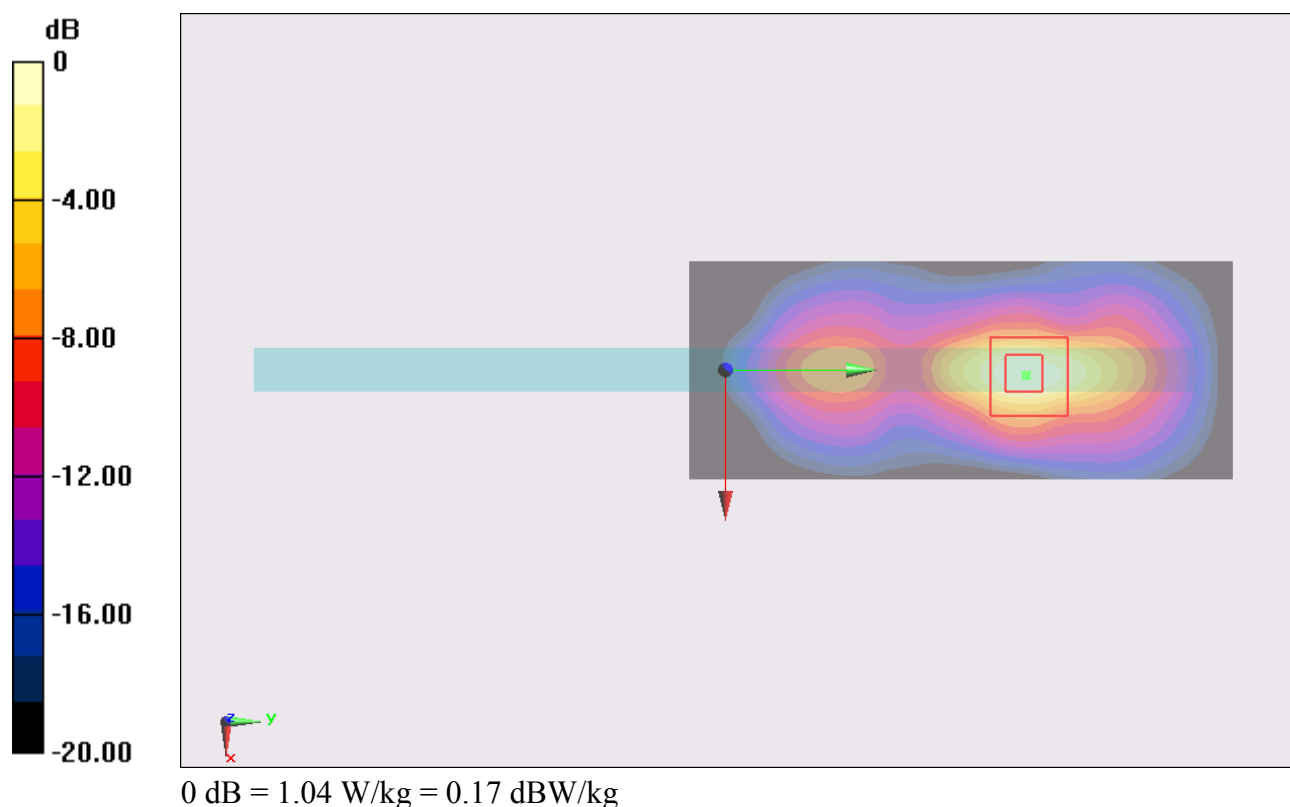
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch661/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 28.687 V/m; Power Drift = 0.06 dB

Fast SAR: SAR(1 g) = 0.811 W/kg; SAR(10 g) = 0.352 W/kg

Maximum value of SAR (interpolated) = 1.04 W/kg



#17_GSM1900_GPRS (2 Tx slots)_Edge 1_0cm_Ch512**DUT: 2O2430**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL_1900_121123 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.485$ mho/m; $\epsilon_r = 54.648$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

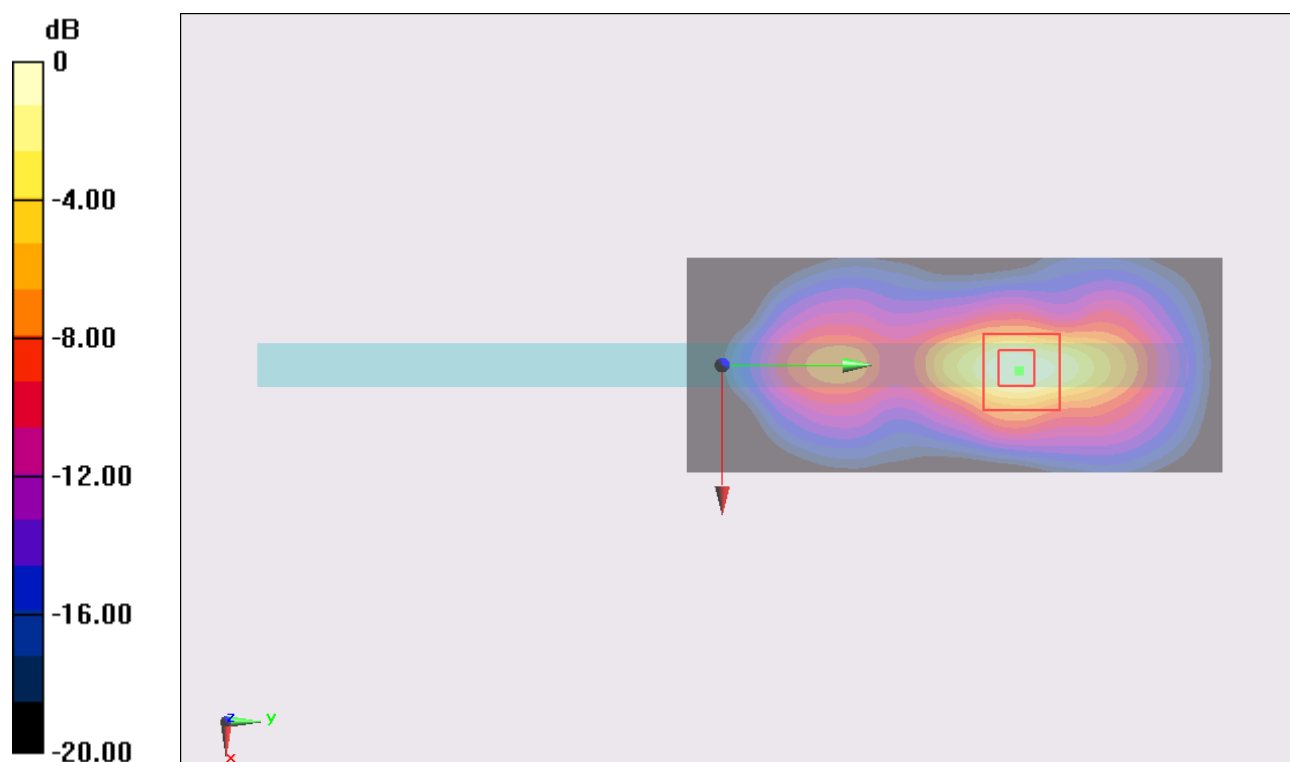
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch512/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 27.250 V/m; Power Drift = 0.05 dB

Fast SAR: SAR(1 g) = 0.710 W/kg; SAR(10 g) = 0.308 W/kg

Maximum value of SAR (interpolated) = 0.912 W/kg



0 dB = 0.912 W/kg = -0.40 dBW/kg

#18_GSM1900_GPRS (2 Tx slots)_Edge 1_0cm_Ch810**DUT: 2O2430**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL_1900_121123 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.553$ mho/m; $\epsilon_r = 54.417$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

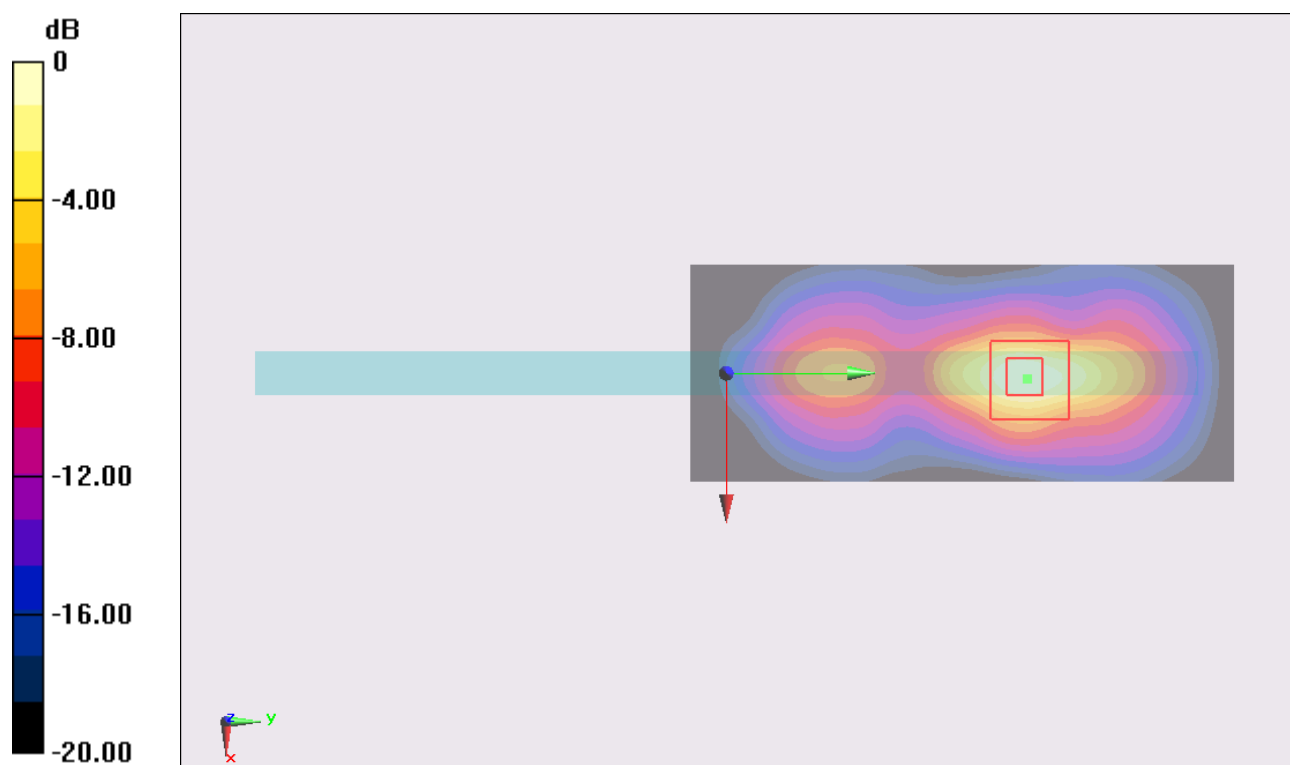
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch810/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 26.944 V/m; Power Drift = -0.04 dB

Fast SAR: SAR(1 g) = 0.750 W/kg; SAR(10 g) = 0.326 W/kg

Maximum value of SAR (interpolated) = 0.954 W/kg



0 dB = 0.954 W/kg = -0.20 dBW/kg

#102_GSM1900_GPRS (2 Tx slots)_Edge 1_0cm_Ch661_Curve SAR**DUT: 2O2430**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_121123 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r = 54.557$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch661/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.13 W/kg

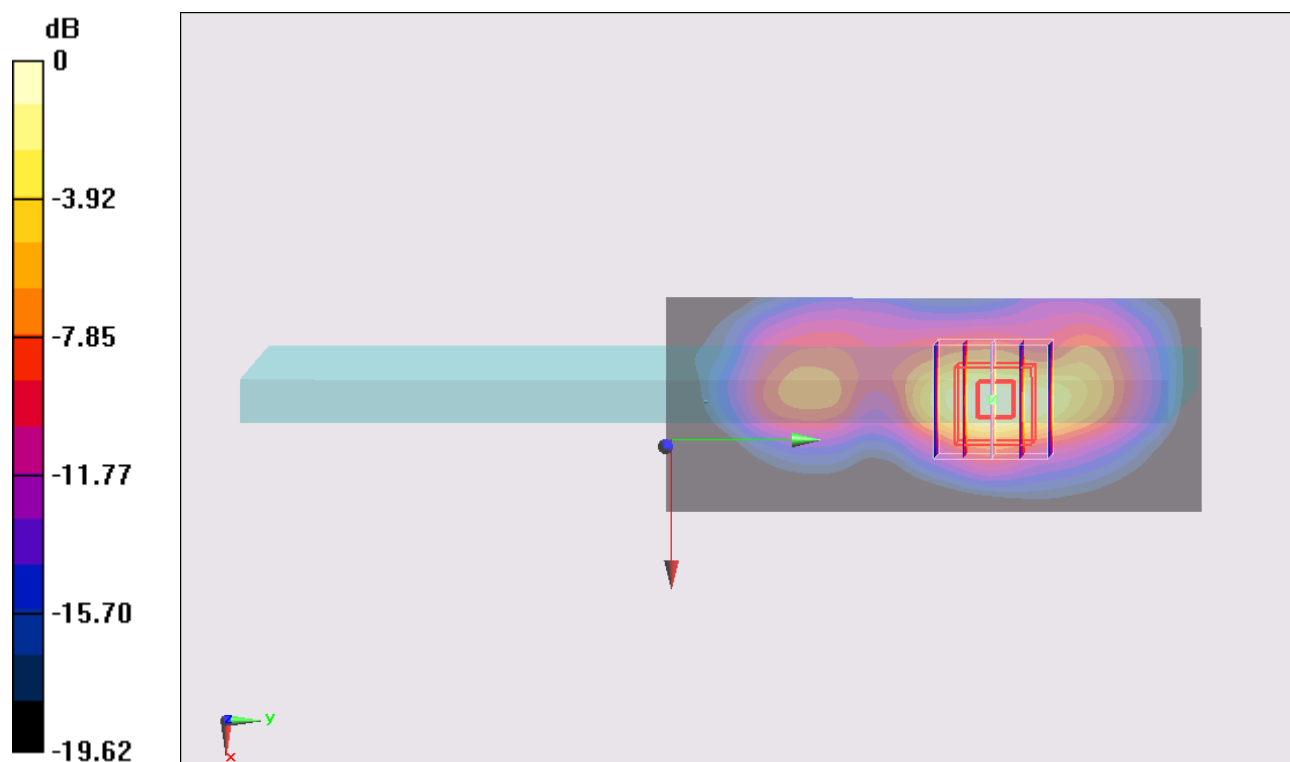
Configuration/Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.663 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 0.909 W/kg; SAR(10 g) = 0.428 W/kg

Maximum value of SAR (measured) = 1.08 W/kg



#102_GSM1900_GPRS (2 Tx slots)_Edge 1_0cm_Ch661_Curve SAR_2D**DUT: 202430**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_121123 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r = 54.557$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch661/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.13 W/kg

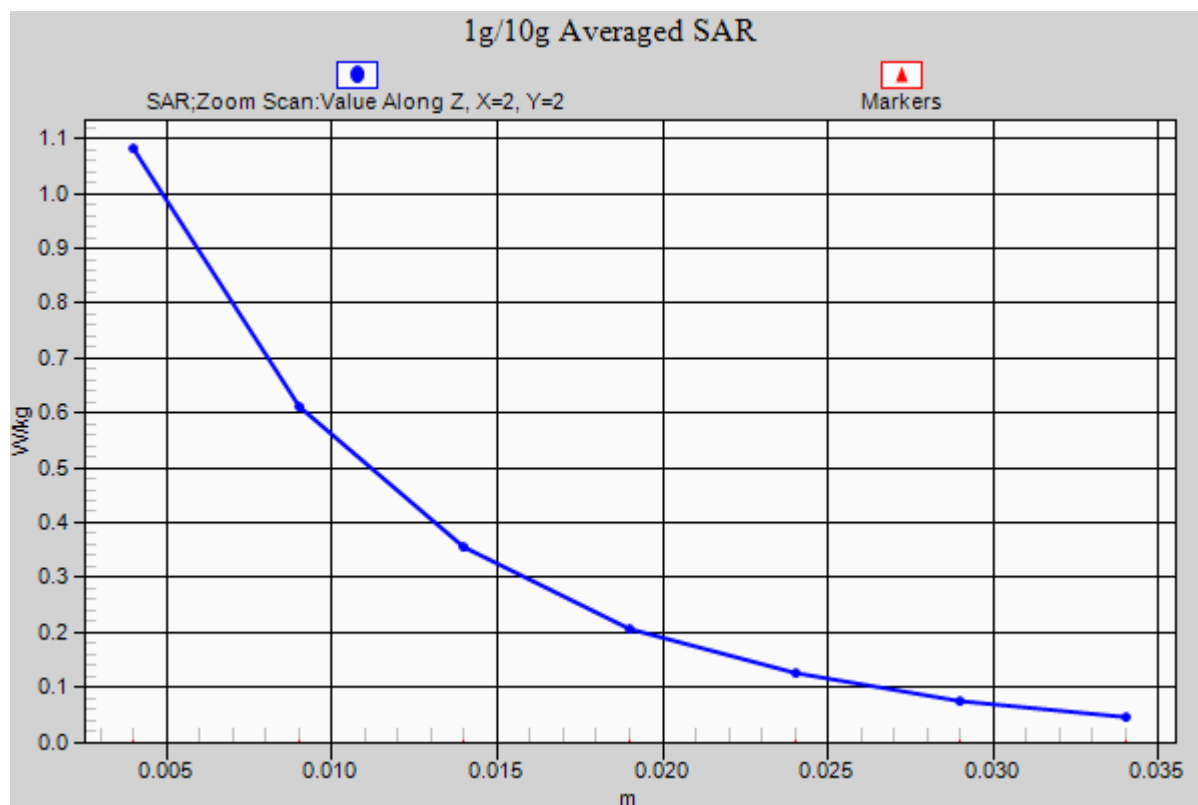
Configuration/Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.663 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 0.909 W/kg; SAR(10 g) = 0.428 W/kg

Maximum value of SAR (measured) = 1.08 W/kg



#166_GSM1900_GPRS (2 Tx slots)_Edge 1_0cm_Ch661_Curve SAR_Repeat**DUT: 2O2430**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_121123 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r = 54.557$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch661/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.01 W/kg

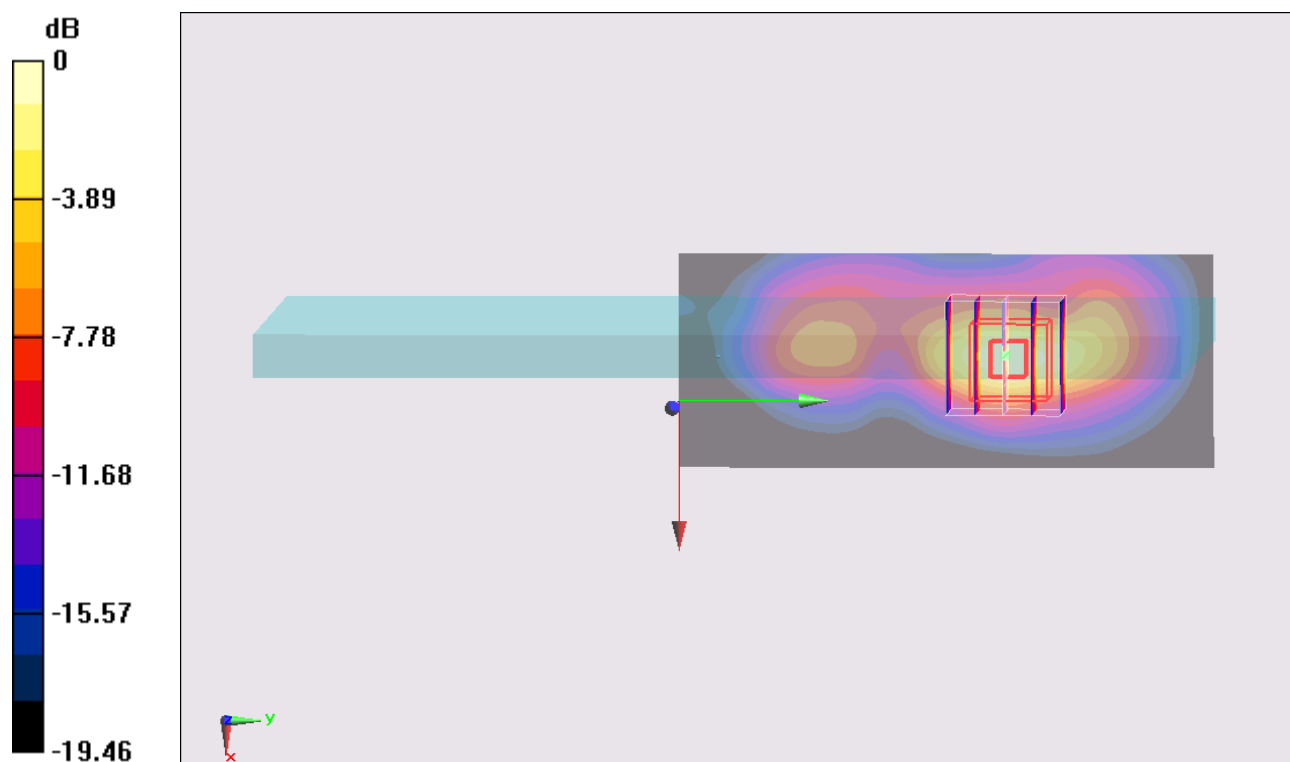
Configuration/Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.270 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.850 W/kg; SAR(10 g) = 0.401 W/kg

Maximum value of SAR (measured) = 0.996 W/kg



#104_GSM1900_GPRS (2 Tx slots)_Edge 1_0cm_Ch512_Curve SAR**DUT: 2O2430**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL_1900_121123 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.485$ mho/m; $\epsilon_r = 54.648$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

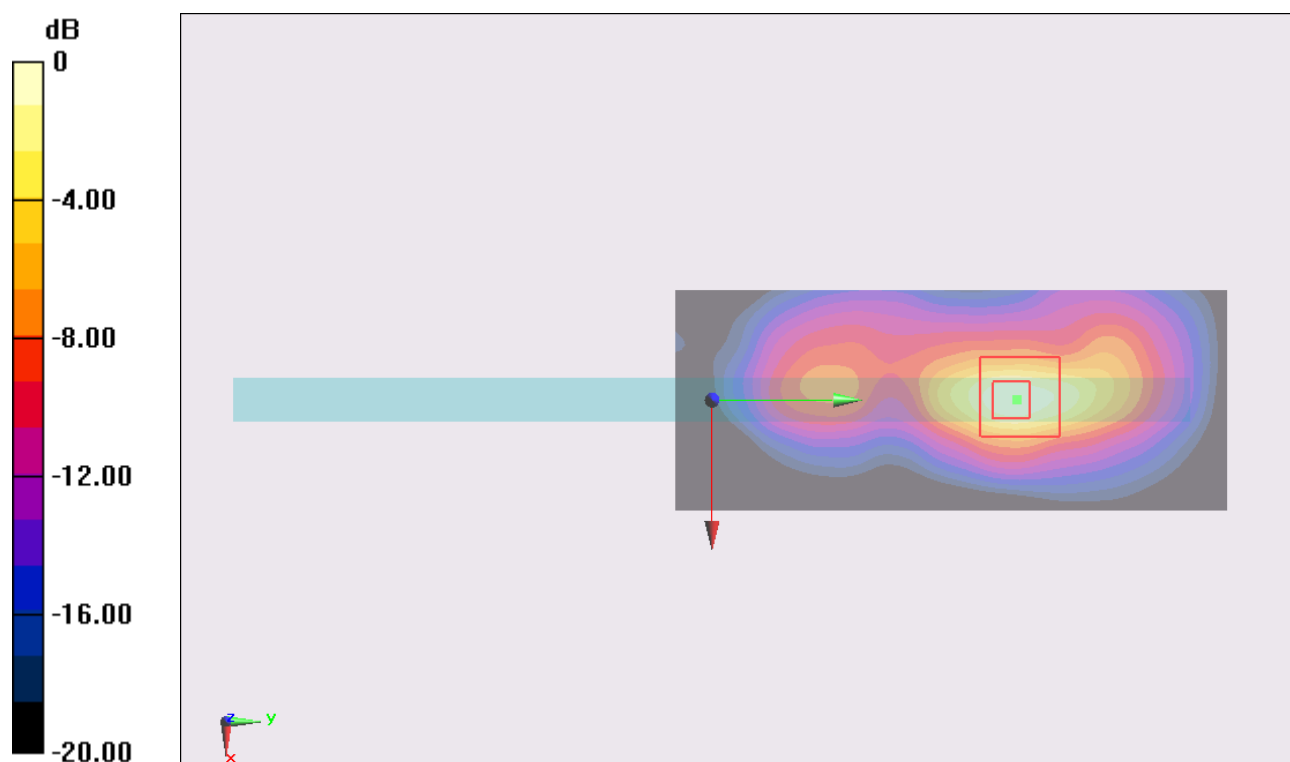
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch512/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 26.720 V/m; Power Drift = 0.05 dB

Fast SAR: SAR(1 g) = 0.680 W/kg; SAR(10 g) = 0.296 W/kg

Maximum value of SAR (interpolated) = 0.870 W/kg



#105_GSM1900_GPRS (2 Tx slots)_Edge 1_0cm_Ch810_Curve SAR**DUT: 202430**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL_1900_121123 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.553$ mho/m; $\epsilon_r = 54.417$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

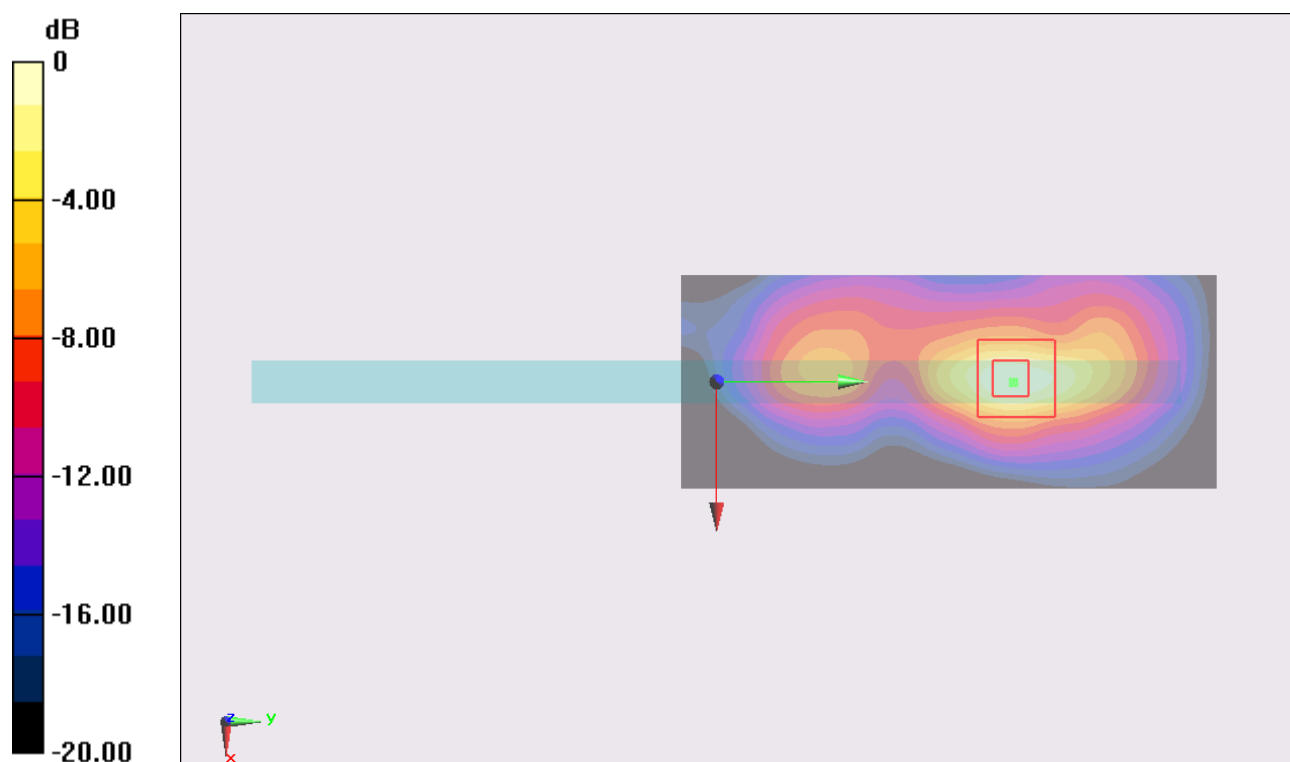
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch810/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 25.655 V/m; Power Drift = 0.03 dB

Fast SAR: SAR(1 g) = 0.667 W/kg; SAR(10 g) = 0.294 W/kg

Maximum value of SAR (interpolated) = 0.846 W/kg



0 dB = 0.846 W/kg = -0.73 dBW/kg

#136_WCDMA V_RMC12.2K_Bottom Face_1.4cm_Ch4132**DUT: 202430**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_121121 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 54.684$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

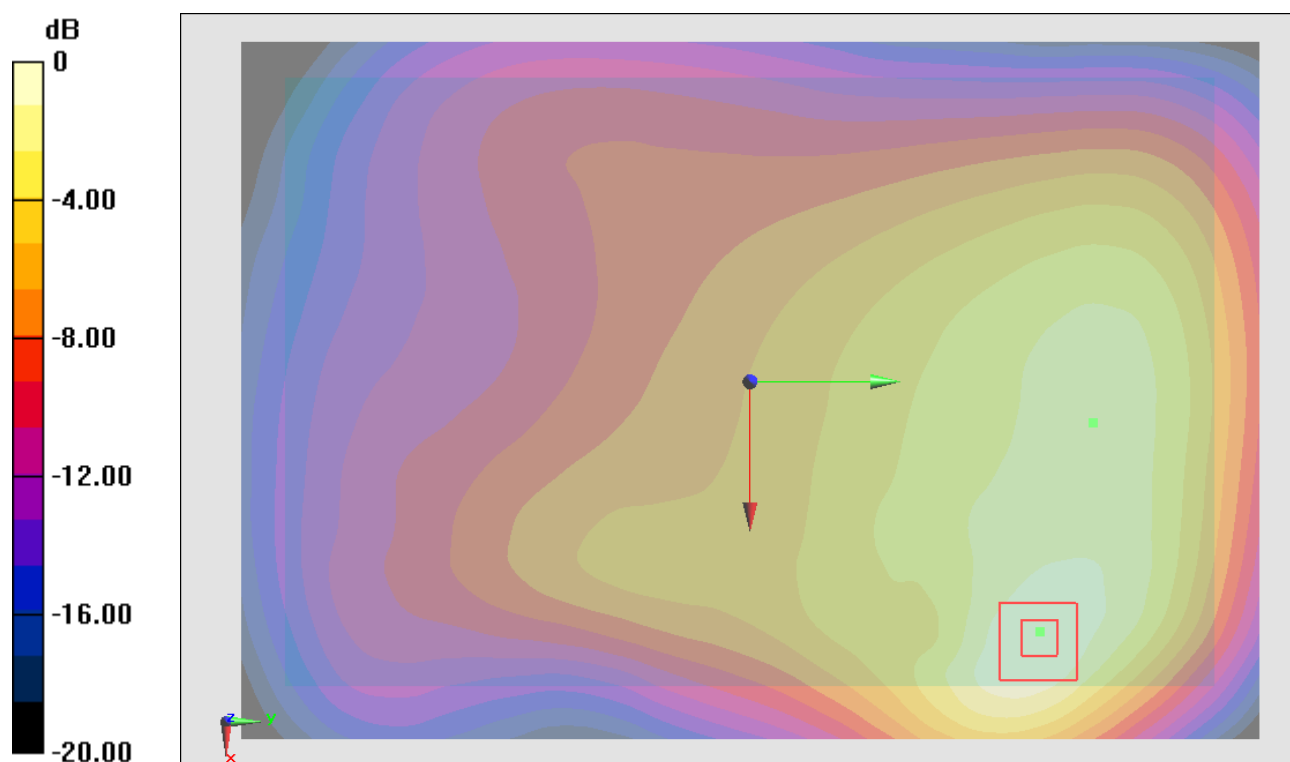
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch4132/Area Scan (131x191x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 18.07 V/m; Power Drift = -0.01 dB

Fast SAR: SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.180 W/kg

Maximum value of SAR (interpolated) = 0.290 W/kg



0 dB = 0.290 W/kg = -5.38 dBW/kg

#137_WCDMA V_RMC12.2K_Edge1_1.1cm_Ch4132**DUT: 202430**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_121121 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 54.684$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

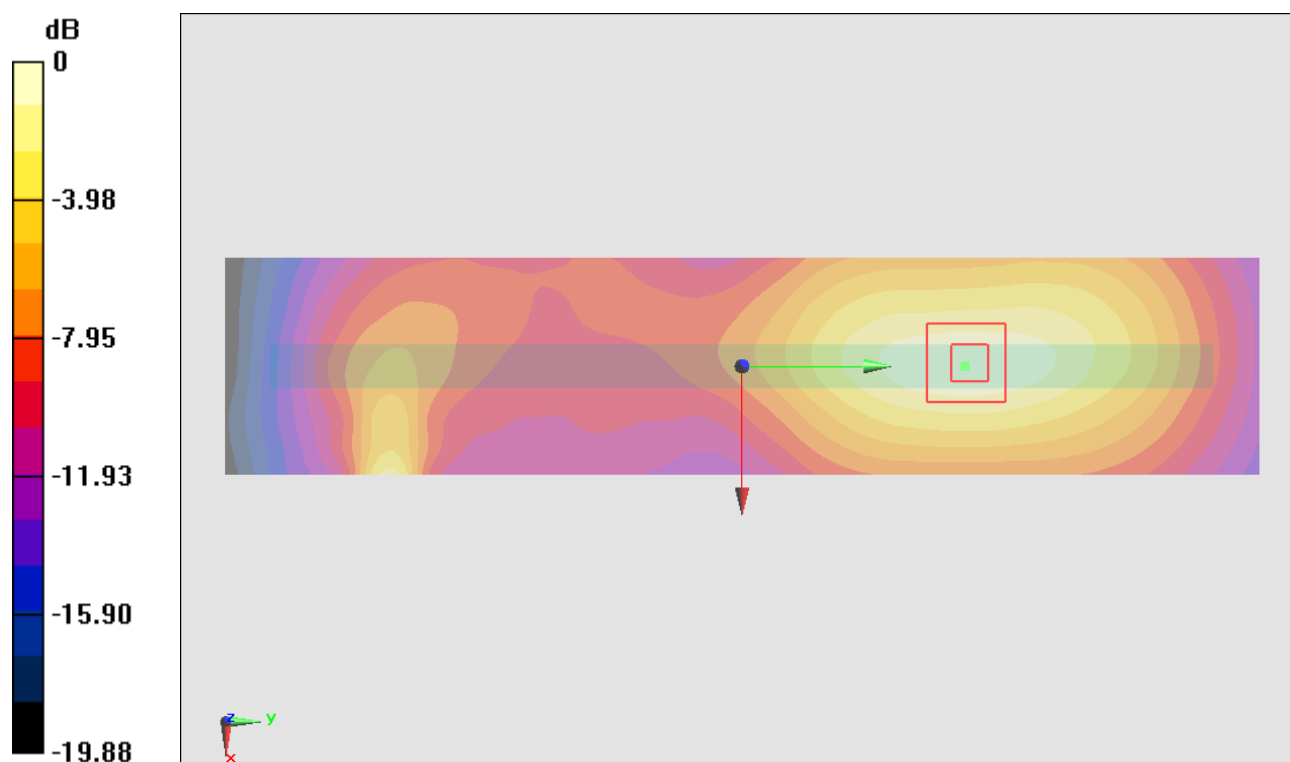
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch4132/Area Scan (41x191x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 17.91 V/m; Power Drift = -0.01 dB

Fast SAR: SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.165 W/kg

Maximum value of SAR (interpolated) = 0.282 W/kg



0 dB = 0.282 W/kg = -5.50 dBW/kg

#138_WCDMA V_RMC12.2K_Edge2_0cm_Ch4132**DUT: 202430**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_121121 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 54.684$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

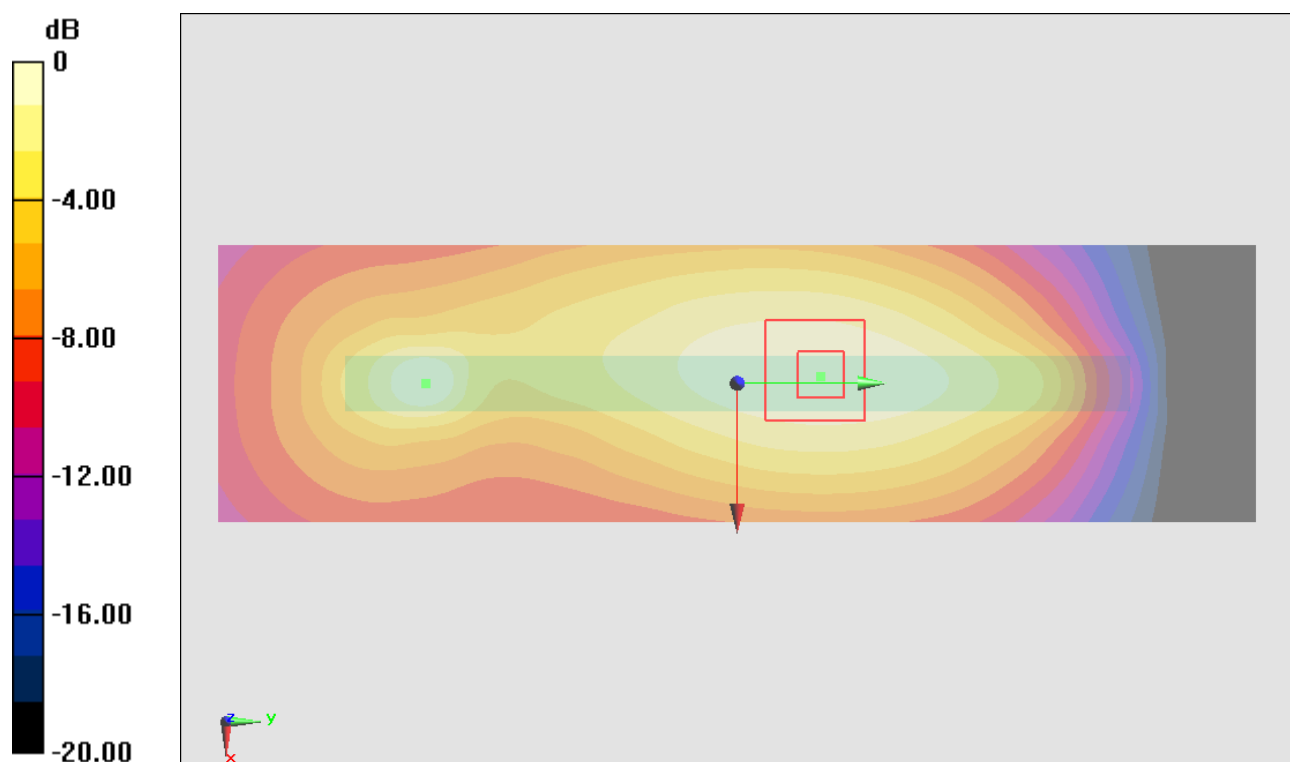
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch4132/Area Scan (41x151x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 15.62 V/m; Power Drift = -0.12 dB

Fast SAR: SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.131 W/kg

Maximum value of SAR (interpolated) = 0.217 W/kg



0 dB = 0.217 W/kg = -6.64 dBW/kg

#130_WCDMA V_RMC12.2K_Bottom Face_0cm_Ch4132**DUT: 202430**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_121121 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 54.684$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.8°C ; Liquid Temperature : 21.8°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch4132/Area Scan (61x191x1): Measurement grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$
Maximum value of SAR (interpolated) = 1.03 W/kg

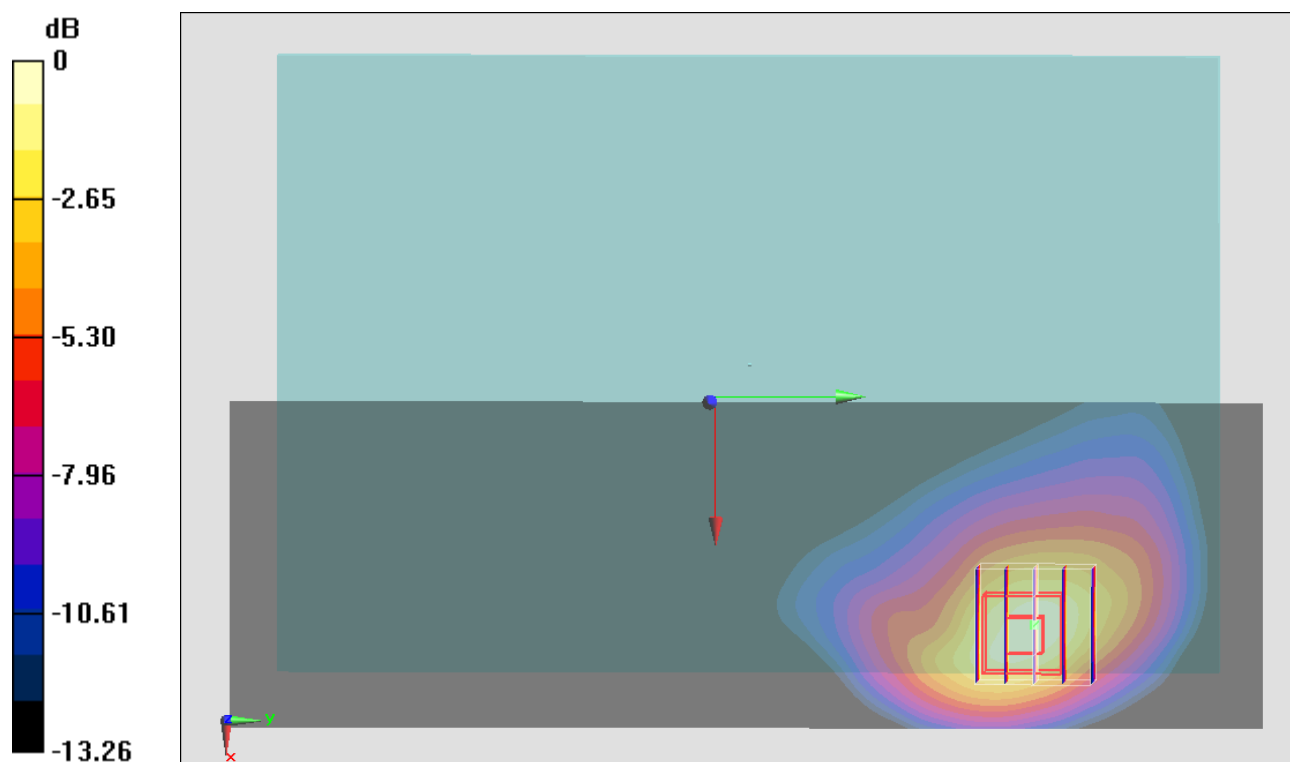
Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 34.969 V/m ; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.976 W/kg ; SAR(10 g) = 0.549 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



#130_WCDMA V_RMC12.2K_Bottom Face_0cm_Ch4132_2D**DUT: 202430**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_121121 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 54.684$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.8°C ; Liquid Temperature : 21.8°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch4132/Area Scan (61x191x1): Measurement grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$
Maximum value of SAR (interpolated) = 1.03 W/kg

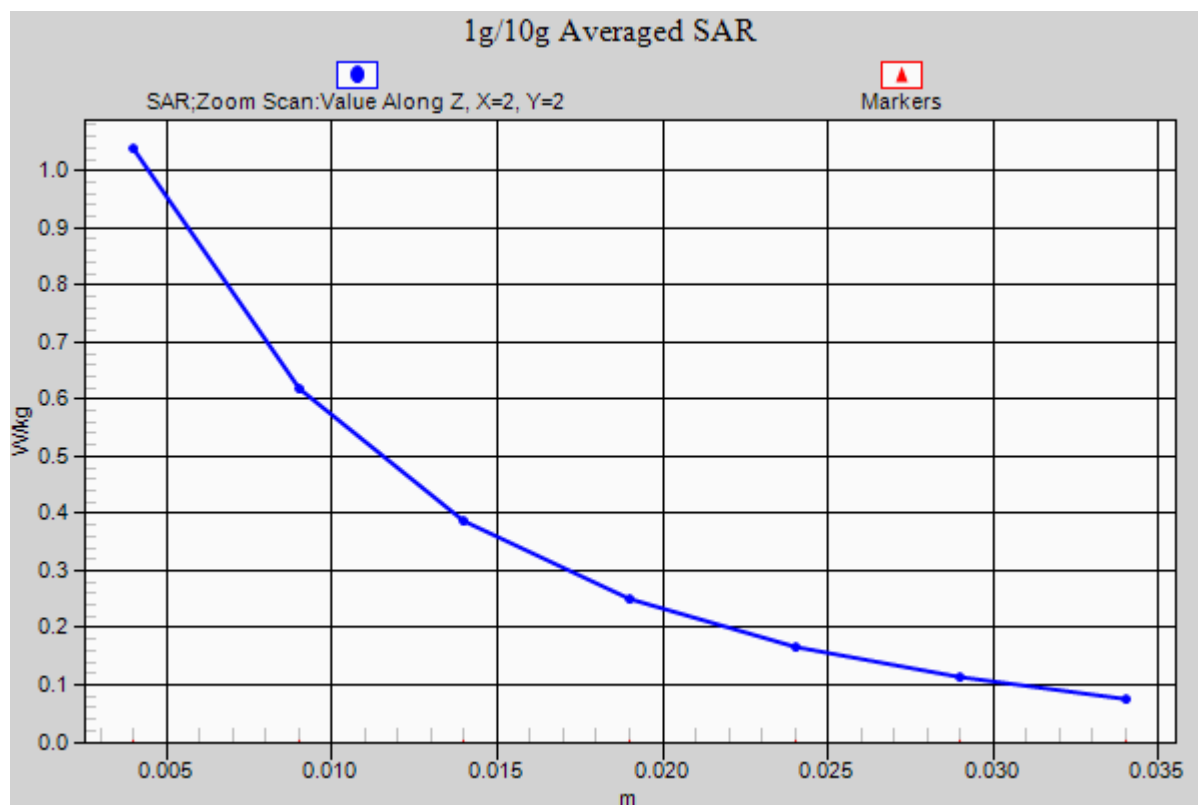
Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 34.969 V/m ; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.976 W/kg ; SAR(10 g) = 0.549 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



#167_WCDMA V_RMC12.2K_Bottom Face_0cm_Ch4132_Repeat**DUT: 202430**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_121121 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 54.684$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.8°C ; Liquid Temperature : 21.8°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch4132/Area Scan (61x191x1): Measurement grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$
Maximum value of SAR (interpolated) = 1.03 W/kg

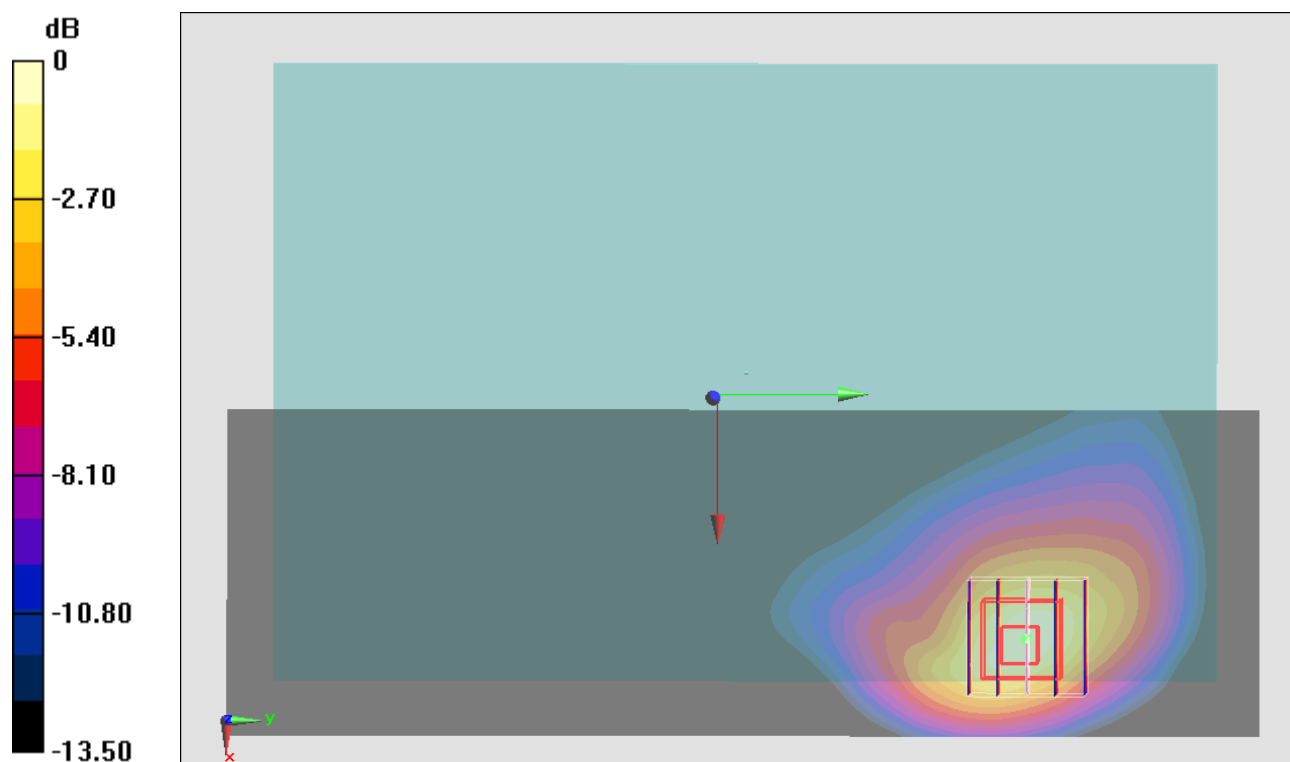
Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 34.955 V/m ; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.972 W/kg ; SAR(10 g) = 0.547 W/kg

Maximum value of SAR (measured) = 1.06 W/kg



#131_WCDMA V_RMC12.2K_Bottom Face_0cm_Ch4182**DUT: 202430**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_121121 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 54.587$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

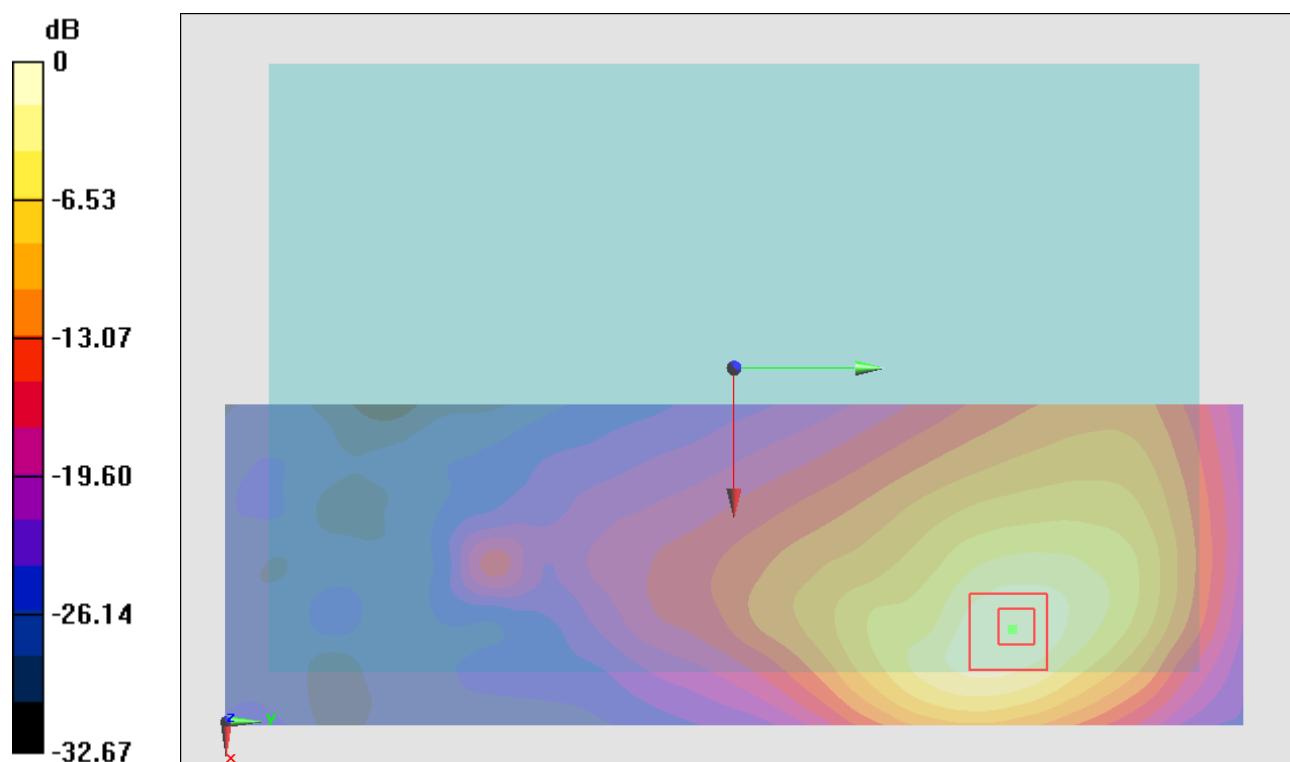
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch4182/Area Scan (61x191x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 28.71 V/m; Power Drift = -0.02 dB

Fast SAR: SAR(1 g) = 0.625 W/kg; SAR(10 g) = 0.390 W/kg

Maximum value of SAR (interpolated) = 0.698 W/kg



0 dB = 0.698 W/kg = -1.56 dBW/kg

#132_WCDMA V_RMC12.2K_Bottom Face_0cm_Ch4233**DUT: 202430**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_850_121121 Medium parameters used: $f = 847$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 54.499$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.8°C ; Liquid Temperature : 21.8°C

DASY5 Configuration:

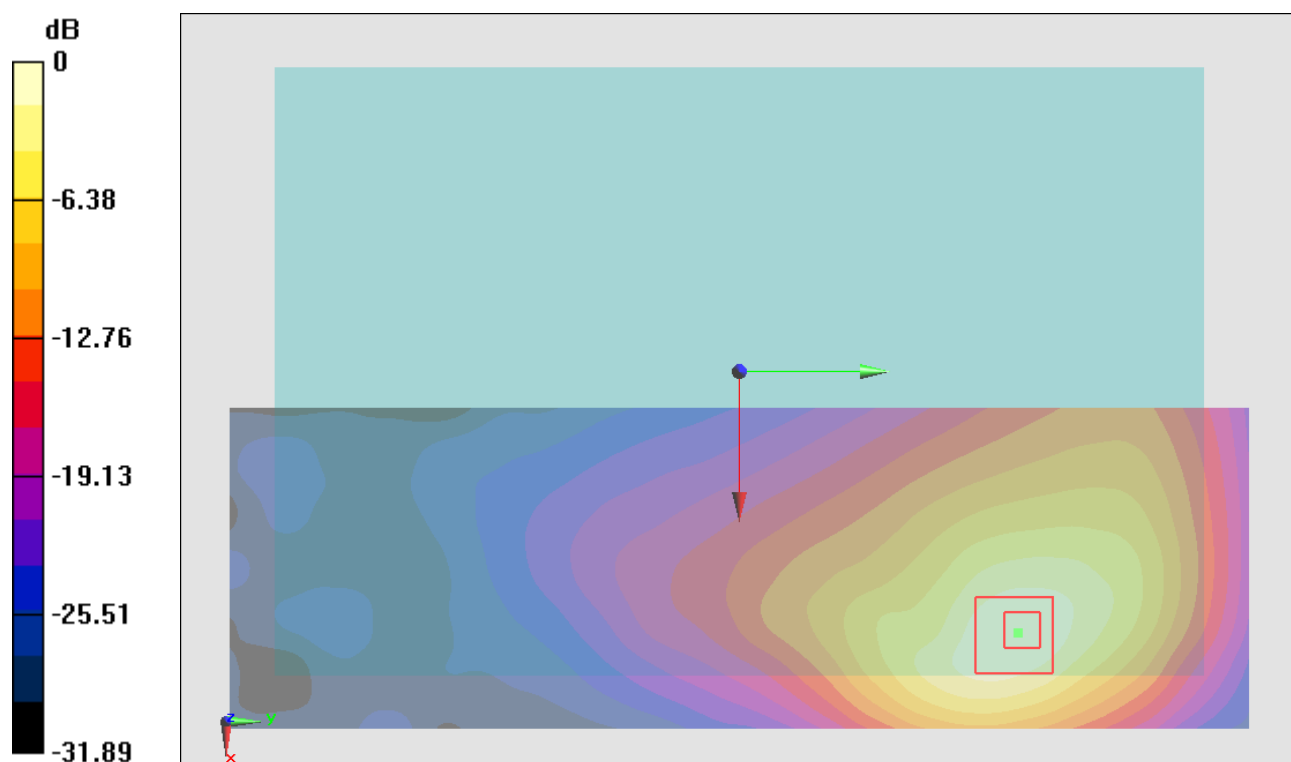
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch4233/Area Scan (61x191x1): Measurement grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Reference Value = 35.05 V/m ; Power Drift = -0.05 dB

Fast SAR: SAR(1 g) = 0.944 W/kg ; SAR(10 g) = 0.589 W/kg

Maximum value of SAR (interpolated) = 1.05 W/kg



#133_WCDMA V_RMC12.2K_Edge1_0cm_Ch4132**DUT: 202430**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_121121 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 54.684$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

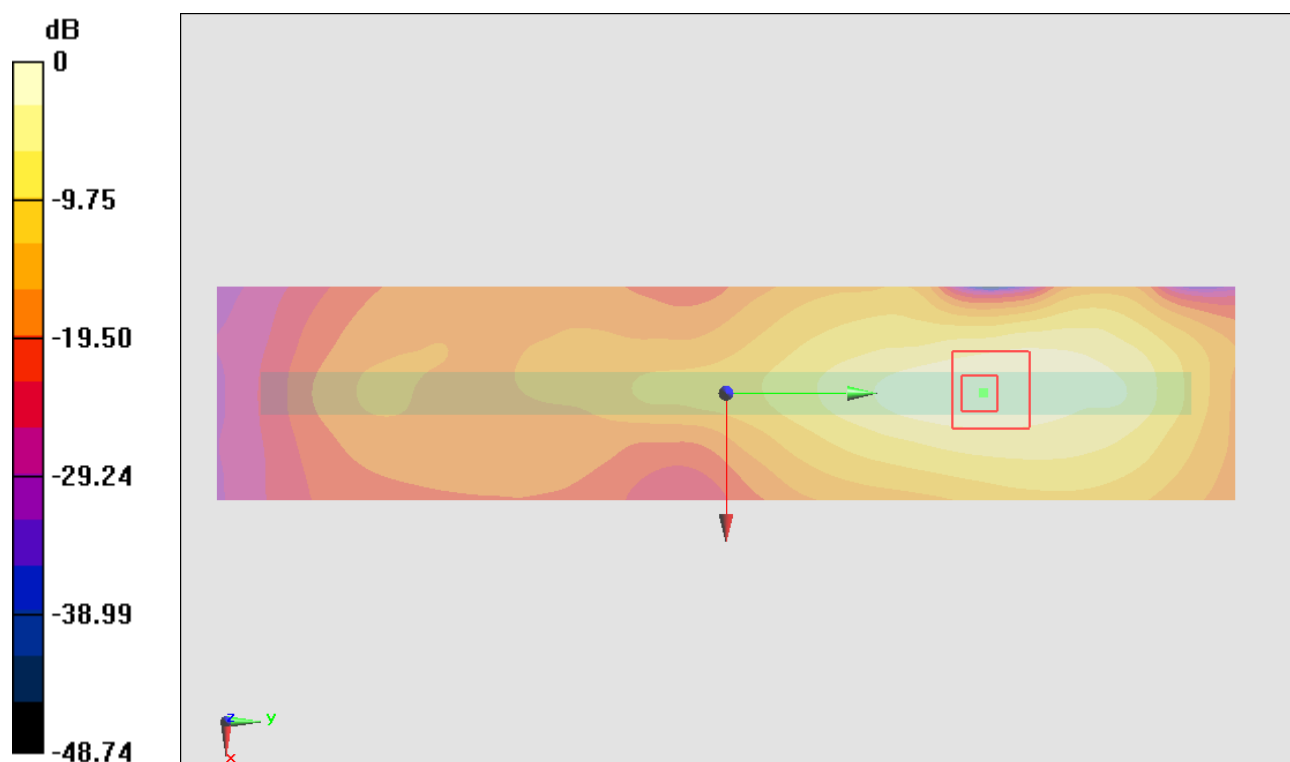
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch4132/Area Scan (41x191x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 26.39 V/m; Power Drift = -0.13 dB

Fast SAR: SAR(1 g) = 0.566 W/kg; SAR(10 g) = 0.332 W/kg

Maximum value of SAR (interpolated) = 0.649 W/kg



#134_WCDMA V_RMC12.2K_Edge 1_0cm_Ch4132_Curve SAR**DUT: 202430**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_121121 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 54.684$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

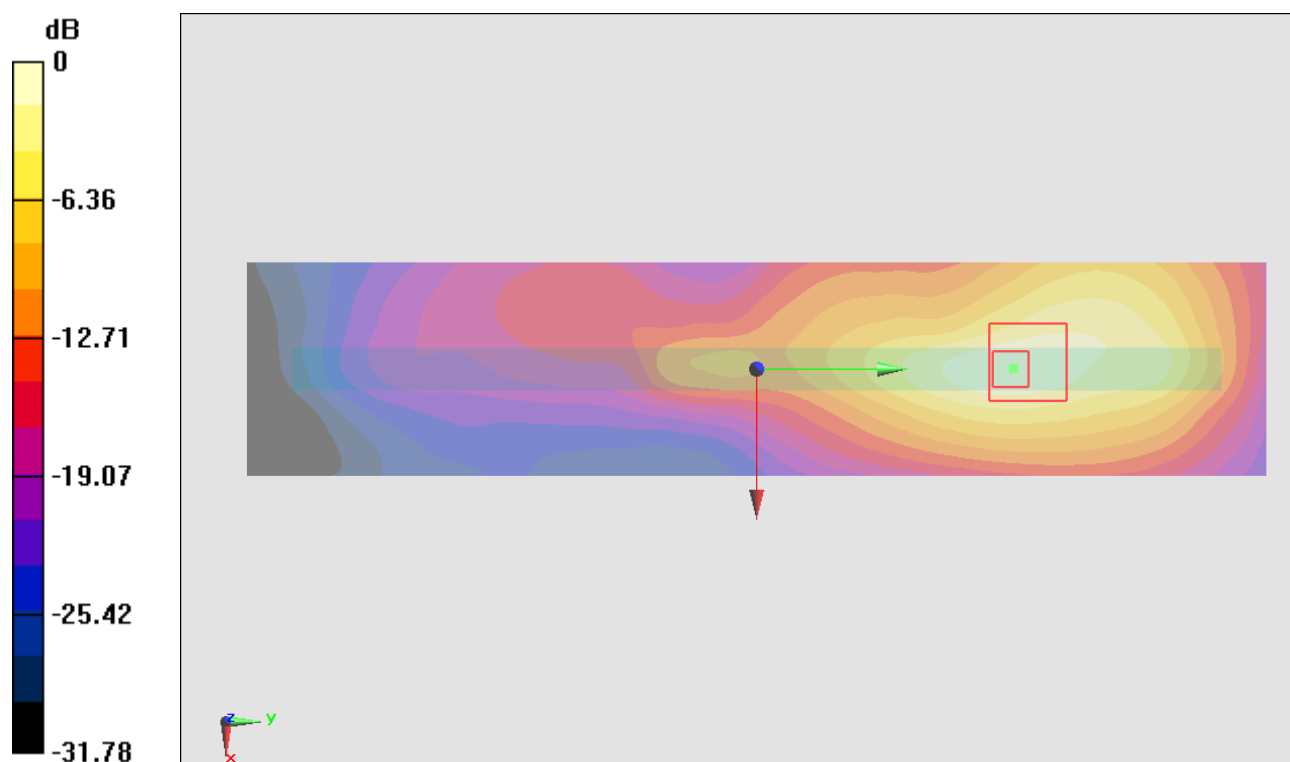
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch4132/Area Scan (41x191x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 31.02 V/m; Power Drift = -0.08 dB

Fast SAR: SAR(1 g) = 0.755 W/kg; SAR(10 g) = 0.435 W/kg

Maximum value of SAR (interpolated) = 0.886 W/kg



0 dB = 0.886 W/kg = -0.53 dBW/kg

#164_WCDMA V_RMC12.2K_Edge 1_0cm_Ch4182_Curve SAR**DUT: 202430**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_121121 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 54.587$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 21.8 °C

DASY5 Configuration:

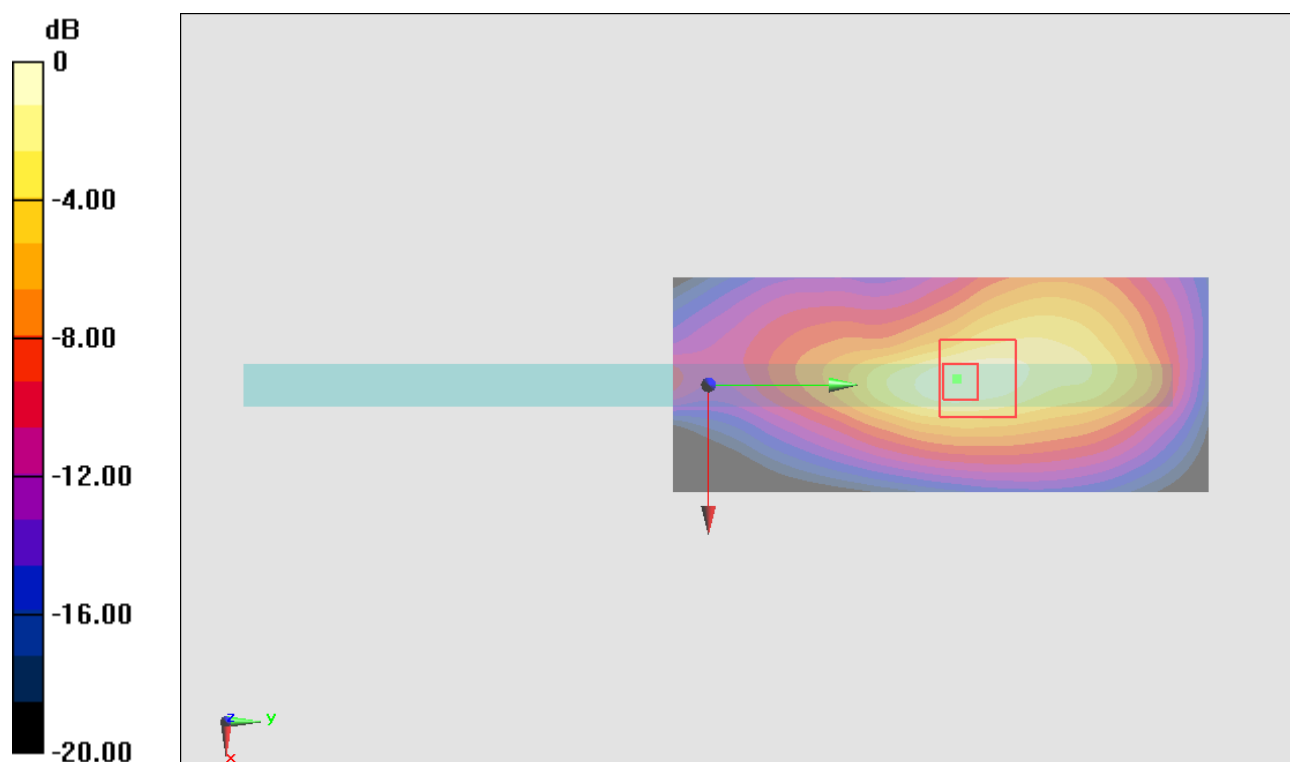
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch4182/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 26.640 V/m; Power Drift = -0.09 dB

Fast SAR: SAR(1 g) = 0.589 W/kg; SAR(10 g) = 0.339 W/kg

Maximum value of SAR (interpolated) = 0.699 W/kg



#165_WCDMA V_RMC12.2K_Edge 1_0cm_Ch4233_Curve SAR**DUT: 202430**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_850_121121 Medium parameters used: $f = 847$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 54.499$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.8°C ; Liquid Temperature : 21.8°C

DASY5 Configuration:

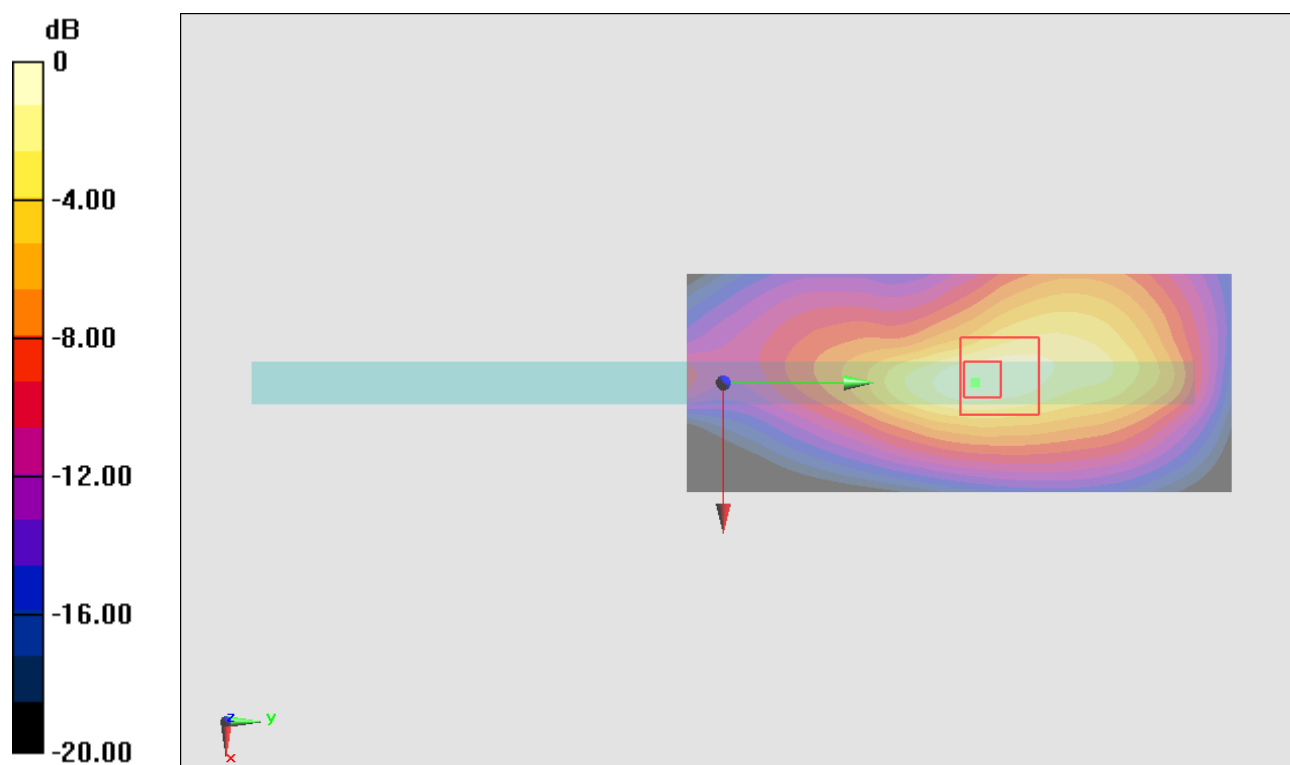
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch4233/Area Scan (41x101x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Reference Value = 30.163 V/m ; Power Drift = -0.05 dB

Fast SAR: SAR(1 g) = 0.725 W/kg ; SAR(10 g) = 0.420 W/kg

Maximum value of SAR (interpolated) = 0.859 W/kg



0 dB = 0.859 W/kg = -0.66 dBW/kg

#24_WCDMA IV_RMC12.2K_Bottom Face_1.4cm_Ch1312**DUT: 202430**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121124 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.467$ mho/m; $\epsilon_r = 52.539$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

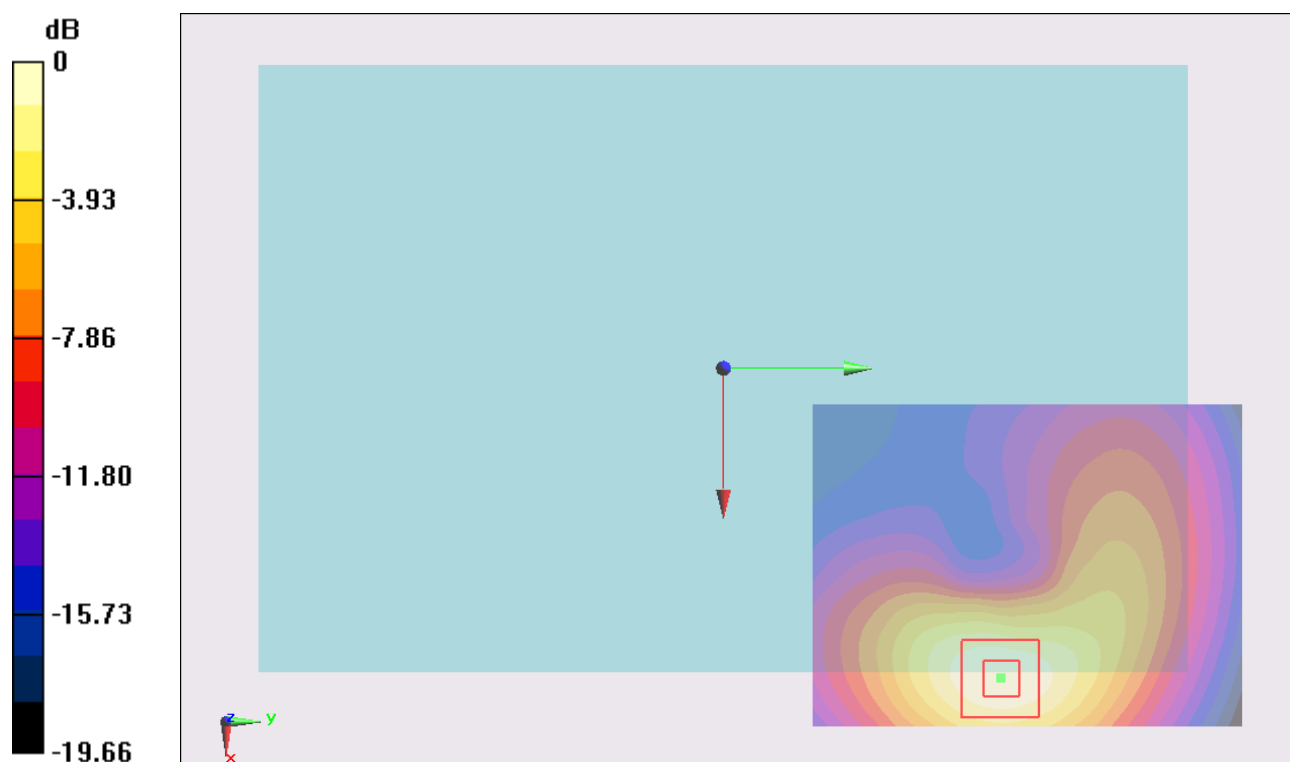
- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch1312/Area Scan (61x81x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 19.859 V/m; Power Drift = 0.02 dB

Fast SAR: SAR(1 g) = 0.446 W/kg; SAR(10 g) = 0.254 W/kg

Maximum value of SAR (interpolated) = 0.501 W/kg



#25_WCDMA IV_RMC12.2K_Edge 1_1.1cm_Ch1312**DUT: 202430**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121124 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.467$ mho/m; $\epsilon_r = 52.539$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

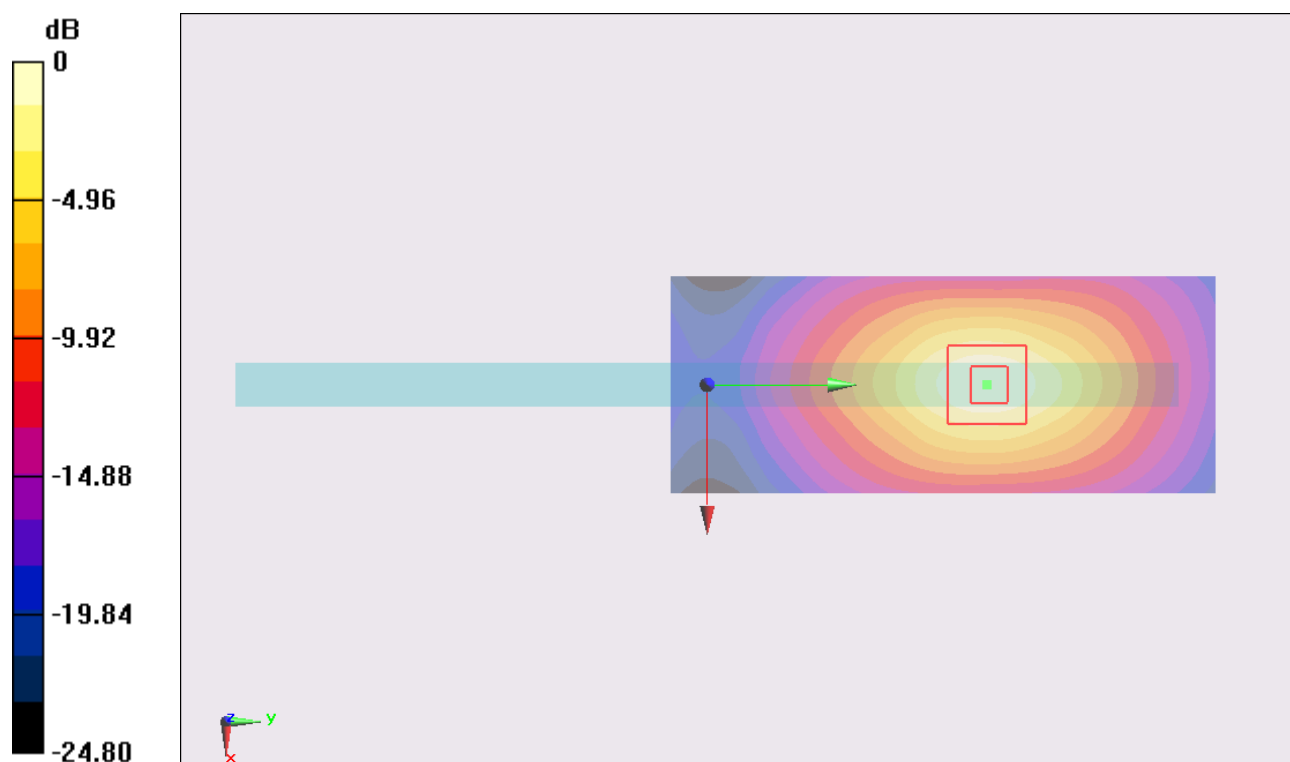
- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch1312/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 30.809 V/m; Power Drift = -0.04 dB

Fast SAR: SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.560 W/kg

Maximum value of SAR (interpolated) = 1.20 W/kg



0 dB = 1.20 W/kg = 0.79 dBW/kg

#26_WCDMA IV_RMC12.2K_Edge 1_1.1cm_Ch1413**DUT: 202430**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121124 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.489$ mho/m; $\epsilon_r = 52.466$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

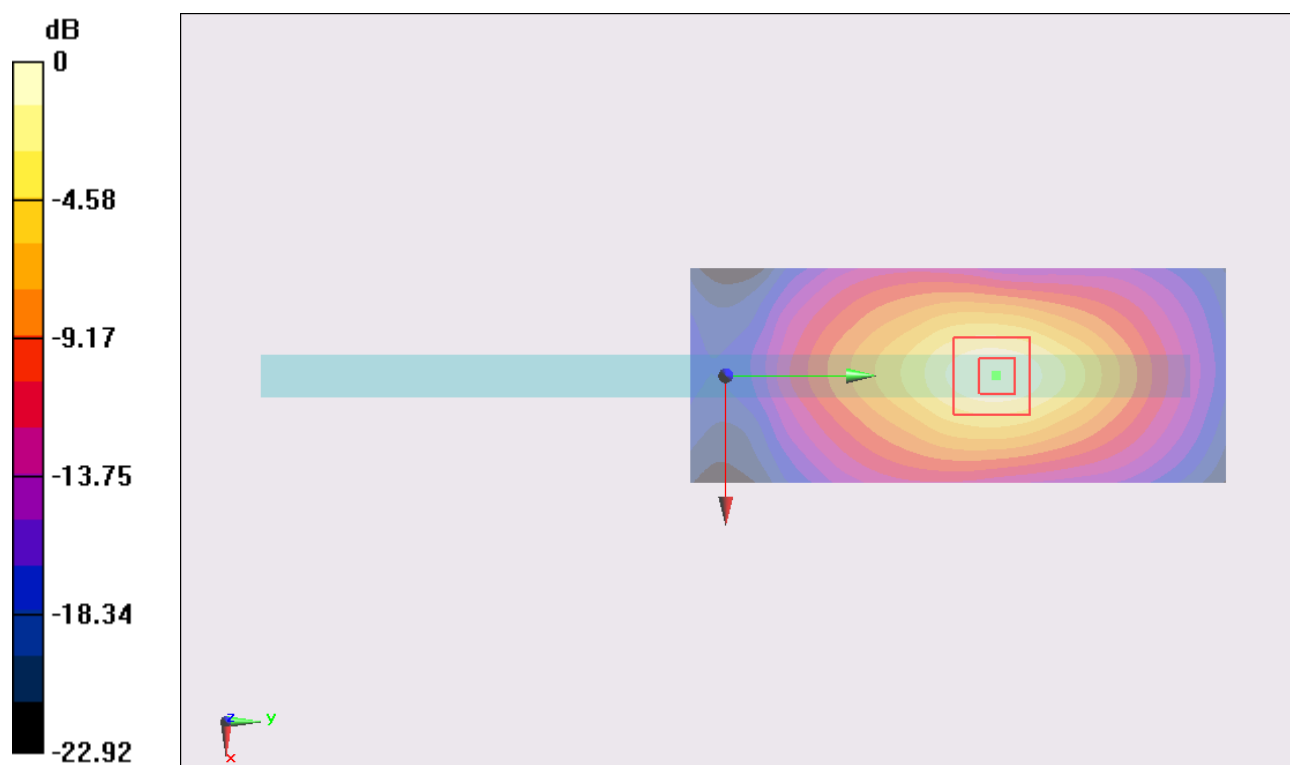
- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch1413/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 28.336 V/m; Power Drift = -0.12 dB

Fast SAR: SAR(1 g) = 0.875 W/kg; SAR(10 g) = 0.465 W/kg

Maximum value of SAR (interpolated) = 1.01 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg

#27_WCDMA IV_RMC12.2K_Edge 1_1.1cm_Ch1513**DUT: 202430**

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121124 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r = 52.406$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch1513/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.26 W/kg

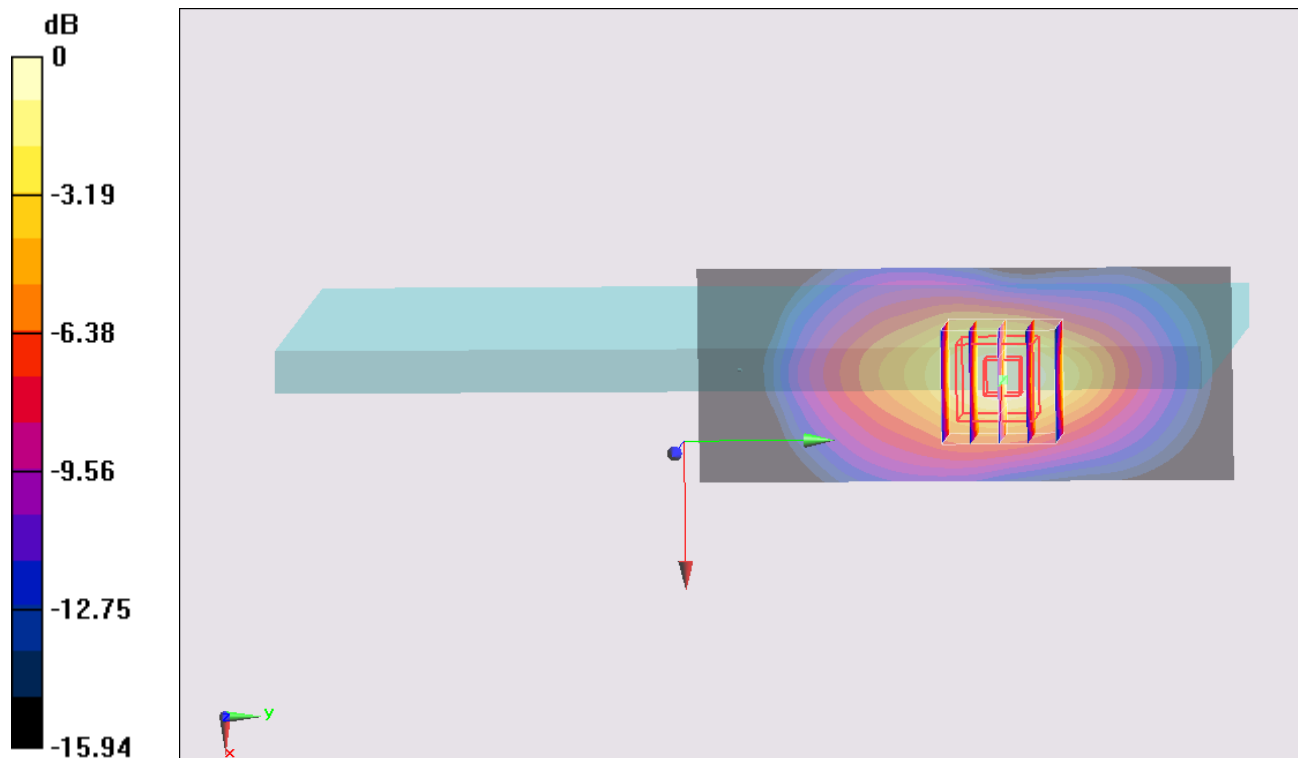
Configuration/Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.452 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.630 W/kg

Maximum value of SAR (measured) = 1.21 W/kg



#27_WCDMA IV_RMC12.2K_Edge 1_1.1cm_Ch1513_2D**DUT: 202430**

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121124 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r = 52.406$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

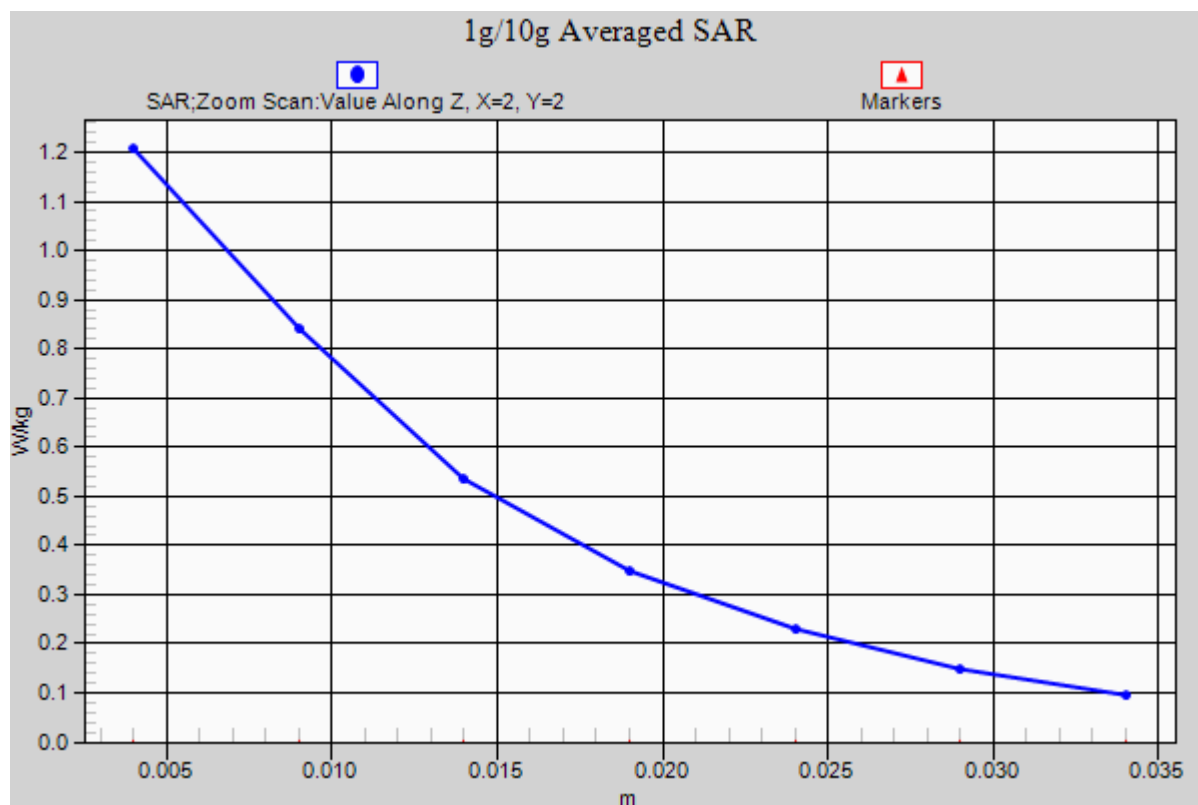
Configuration/Ch1513/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.26 W/kg**Configuration/Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.452 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.630 W/kg

Maximum value of SAR (measured) = 1.21 W/kg



#168_WCDMA IV_RMC12.2K_Edge 1_1.1cm_Ch1513_Repeat**DUT: 2O2430**

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121124 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.512$ mho/m; $\epsilon_r = 52.406$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch1513/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.21 W/kg

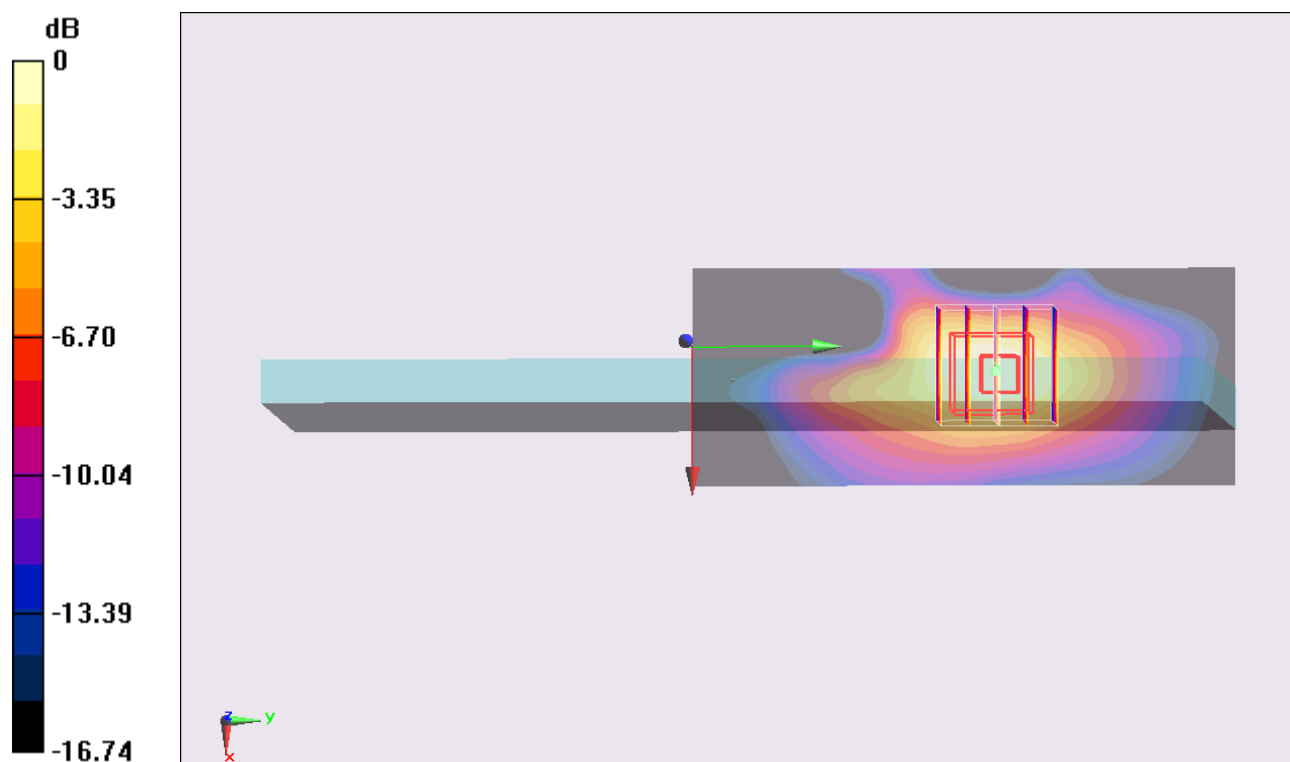
Configuration/Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.961 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.622 W/kg

Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18 W/kg = 0.72 dBW/kg

#28_WCDMA IV_RMC12.2K_Edge 2_0cm_Ch1312**DUT: 202430**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121124 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.467$ mho/m; $\epsilon_r = 52.539$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

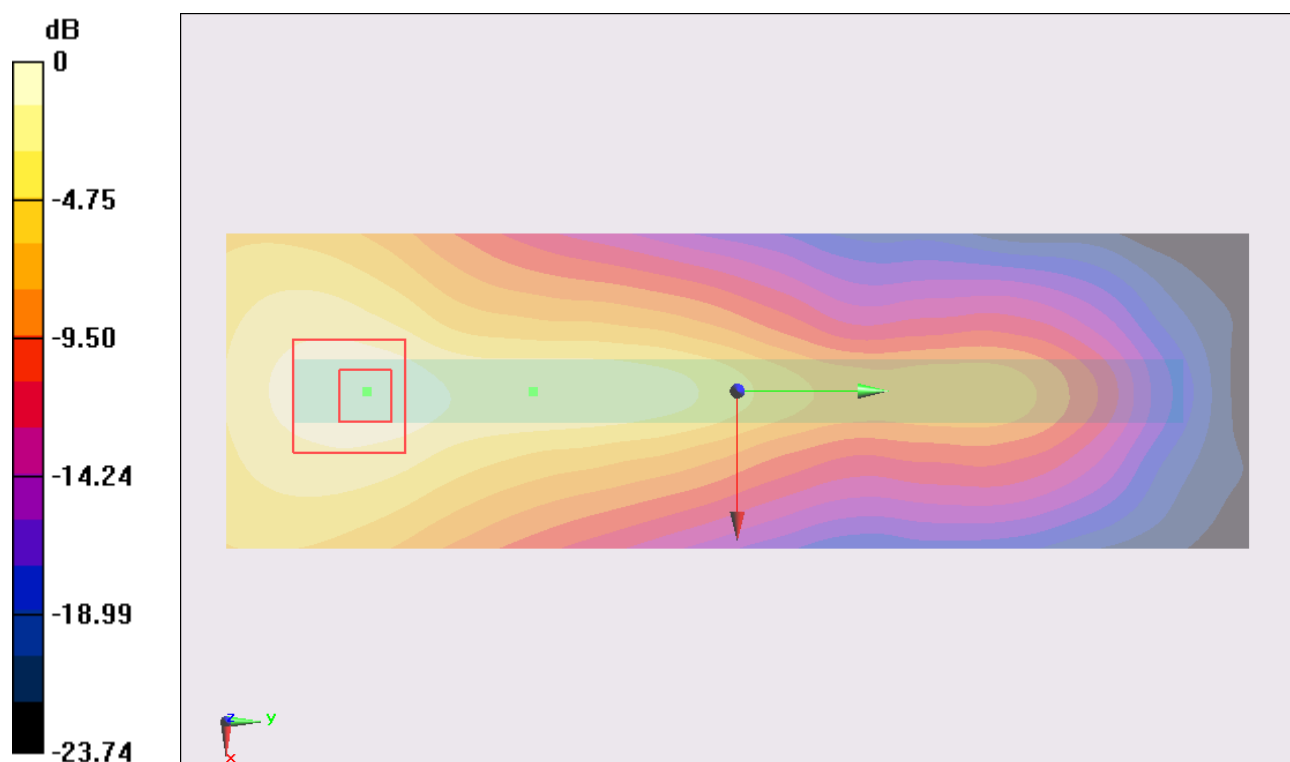
- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch1312/Area Scan (41x131x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 13.160 V/m; Power Drift = -0.15 dB

Fast SAR: SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.092 W/kg

Maximum value of SAR (interpolated) = 0.181 W/kg



#23_WCDMA IV_RMC12.2K_Bottom Face_0cm_Ch1312**DUT: 202430**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121124 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.467$ mho/m; $\epsilon_r = 52.539$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

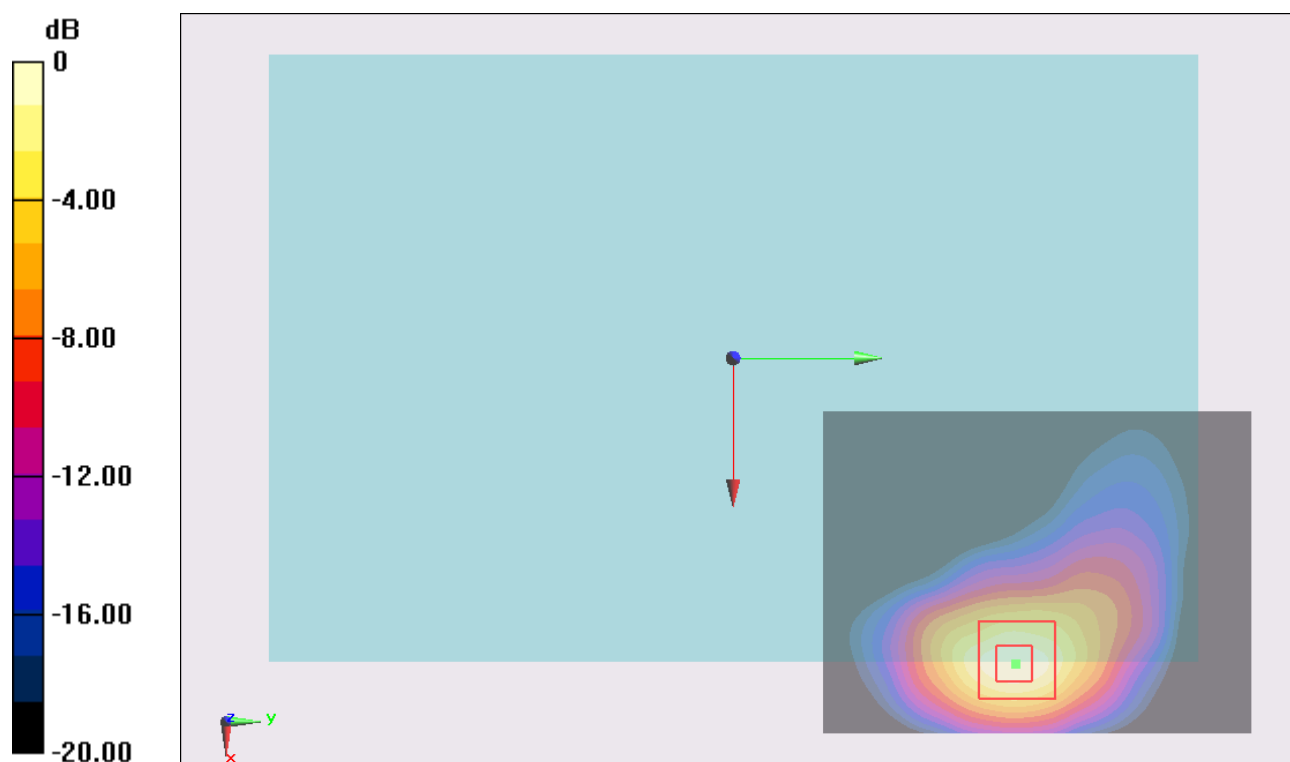
- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch1312/Area Scan (61x81x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 22.268 V/m; Power Drift = 0.01 dB

Fast SAR: SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.233 W/kg

Maximum value of SAR (interpolated) = 0.576 W/kg



0 dB = 0.576 W/kg = -2.40 dBW/kg

#22_WCDMA IV_RMC12.2K_Edge 1_0cm_Ch1312**DUT: 202430**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121124 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.467$ mho/m; $\epsilon_r = 52.539$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

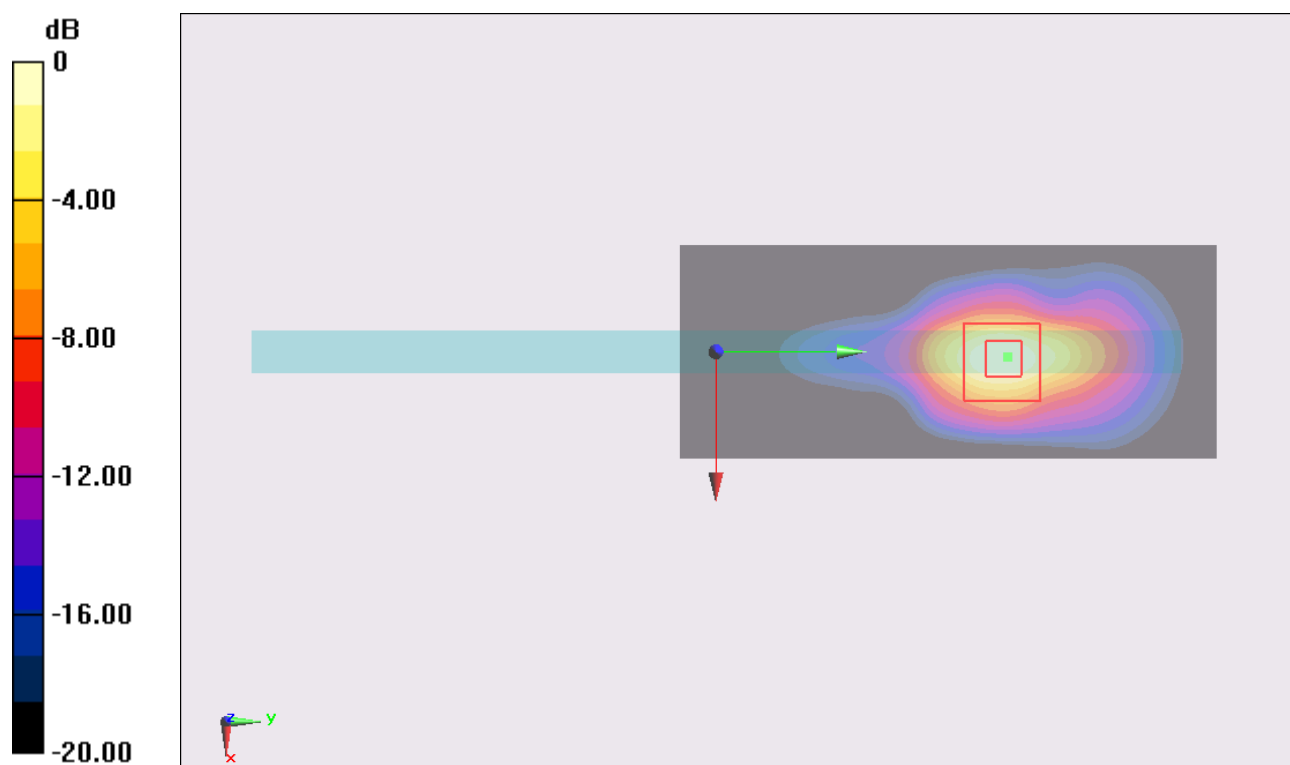
- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch1312/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 27.200 V/m; Power Drift = -0.02 dB

Fast SAR: SAR(1 g) = 0.737 W/kg; SAR(10 g) = 0.324 W/kg

Maximum value of SAR (interpolated) = 0.910 W/kg



0 dB = 0.910 W/kg = -0.41 dBW/kg

#106_WCDMA IV_RMC12.2K_Edge 1_0cm_Ch1312_Curve SAR**DUT: 202430**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121124 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.467$ mho/m; $\epsilon_r = 52.539$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

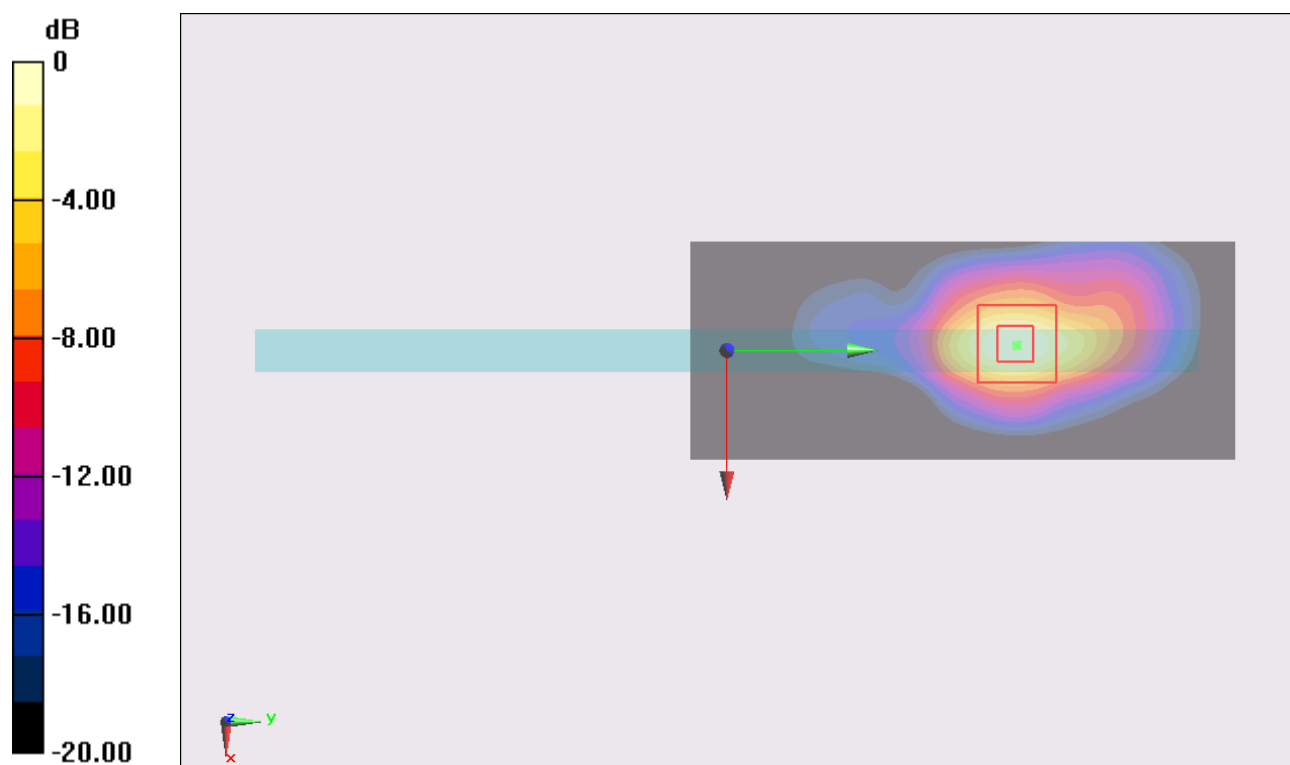
- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch1312/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 28.346 V/m; Power Drift = 0.02 dB

Fast SAR: SAR(1 g) = 0.777 W/kg; SAR(10 g) = 0.343 W/kg

Maximum value of SAR (interpolated) = 0.965 W/kg



0 dB = 0.965 W/kg = -0.15 dBW/kg

#33_WCDMA II_RMC12.2K_Bottom Face_1.4cm_Ch9262**DUT: 202430**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121123 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.487$ mho/m; $\epsilon_r = 54.645$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

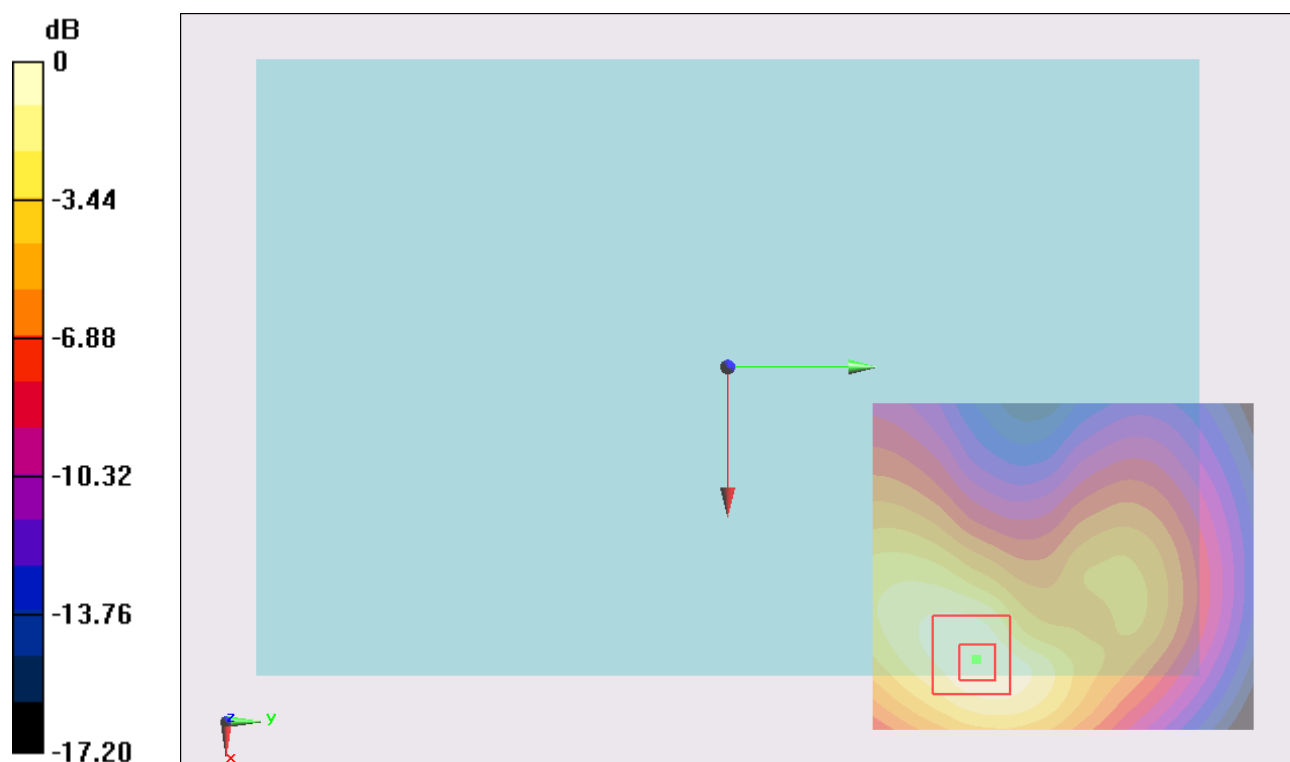
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch9262/Area Scan (61x71x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 17.384 V/m; Power Drift = 0.09 dB

Fast SAR: SAR(1 g) = 0.338 W/kg; SAR(10 g) = 0.196 W/kg

Maximum value of SAR (interpolated) = 0.377 W/kg



0 dB = 0.377 W/kg = -4.24 dBW/kg

#34_WCDMA II_RMC12.2K_Edge 1_1.1cm_Ch9262**DUT: 202430**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121123 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.487$ mho/m; $\epsilon_r = 54.645$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

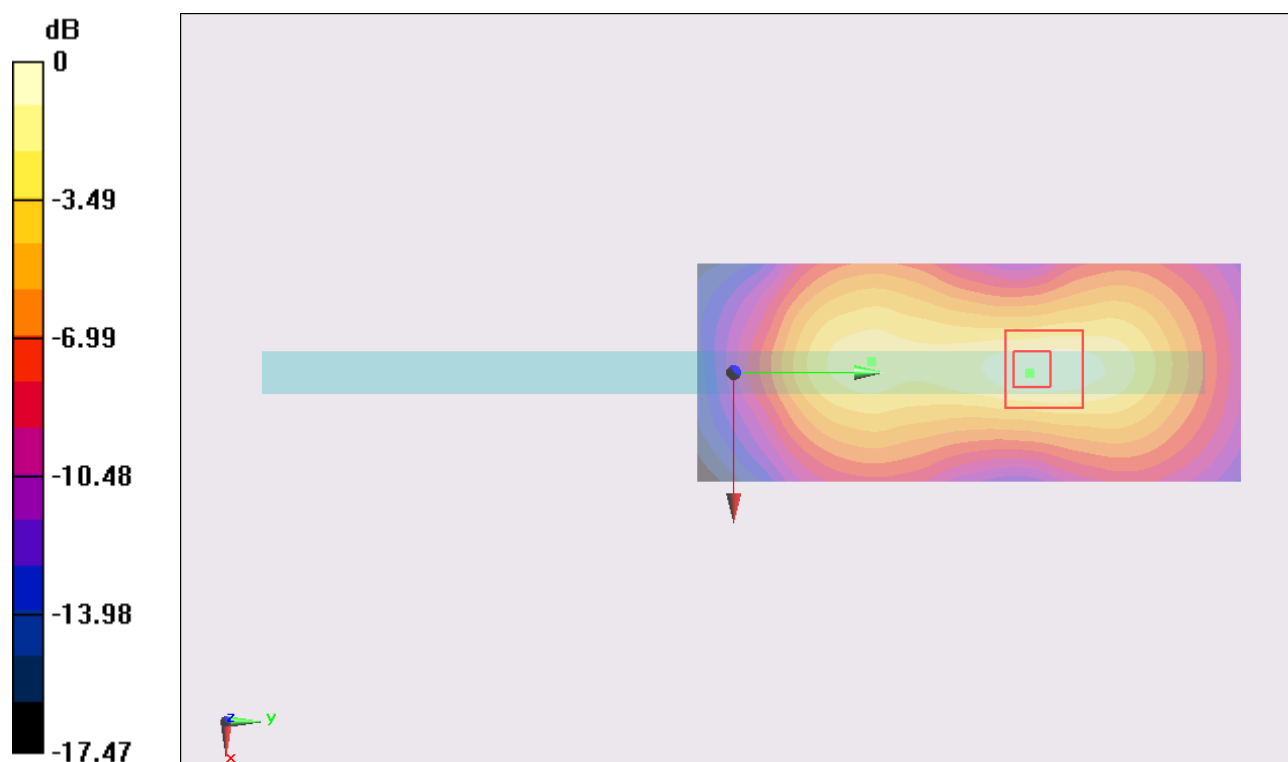
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch9262/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 23.158 V/m; Power Drift = 0.01 dB

Fast SAR: SAR(1 g) = 0.576 W/kg; SAR(10 g) = 0.310 W/kg

Maximum value of SAR (interpolated) = 0.667 W/kg



0 dB = 0.667 W/kg = -1.76 dBW/kg

#35_WCDMA II_RMC12.2K_Edge 2_0cm_Ch9262**DUT: 202430**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121123 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.487$ mho/m; $\epsilon_r = 54.645$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

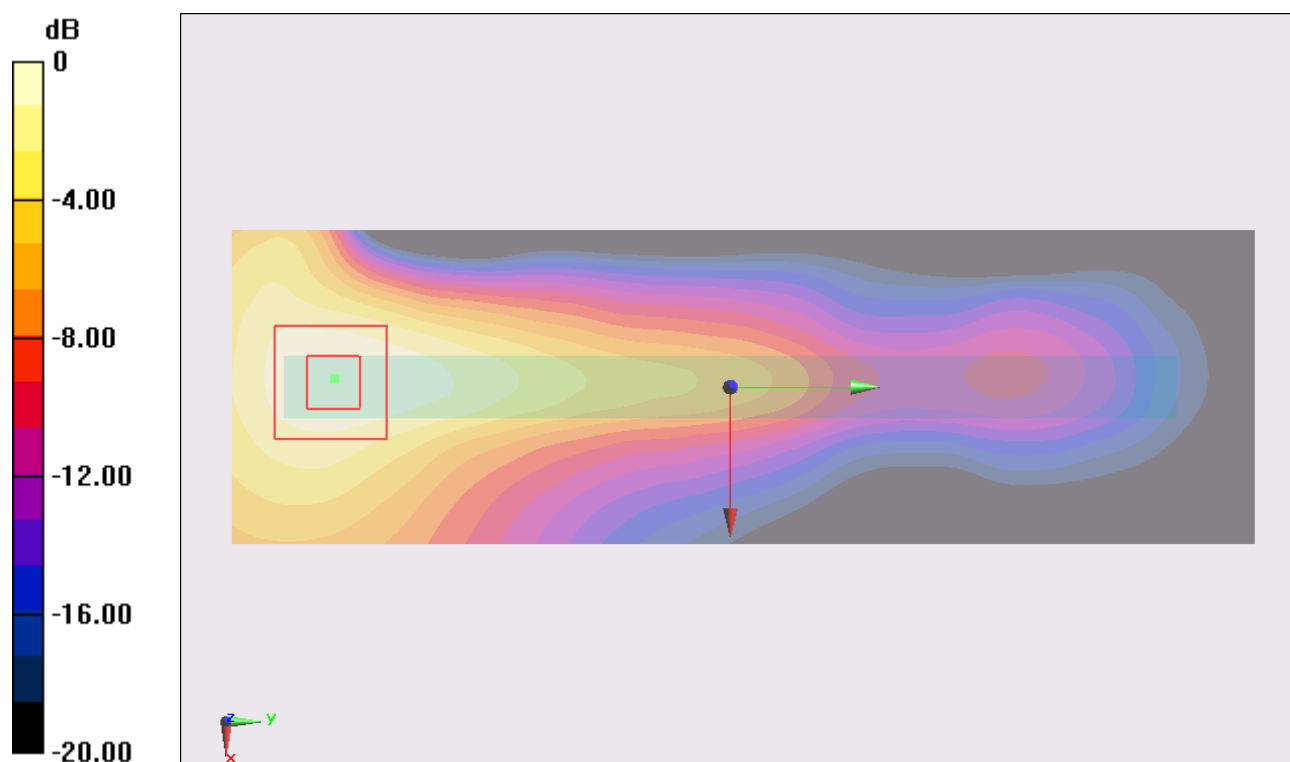
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch9262/Area Scan (41x131x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 12.042 V/m; Power Drift = -0.01 dB

Fast SAR: SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.098 W/kg

Maximum value of SAR (interpolated) = 0.189 W/kg



0 dB = 0.189 W/kg = -7.24 dBW/kg

#29_WCDMA II_RMC12.2K_Bottom Face_0cm_Ch9262**DUT: 202430**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121123 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.487$ mho/m; $\epsilon_r = 54.645$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

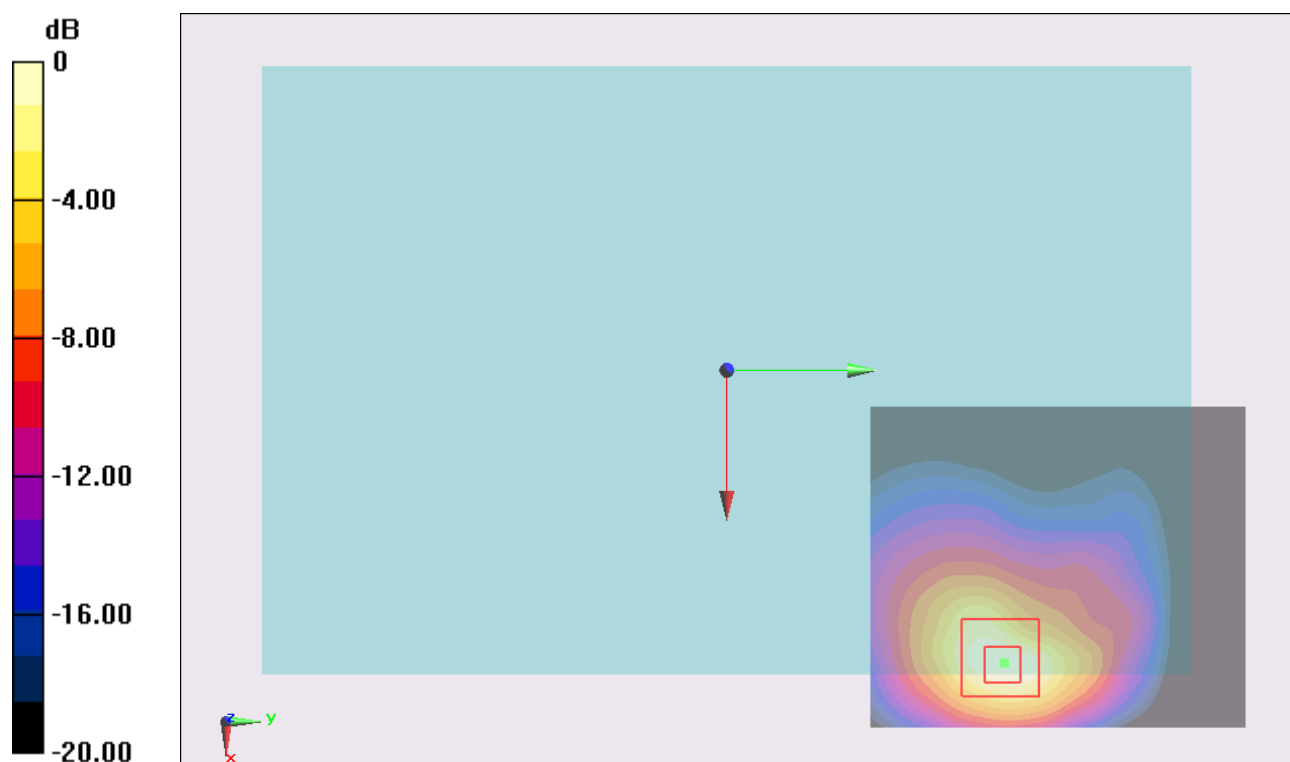
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch9262/Area Scan (61x71x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 24.962 V/m; Power Drift = 0.00 dB

Fast SAR: SAR(1 g) = 0.640 W/kg; SAR(10 g) = 0.318 W/kg

Maximum value of SAR (interpolated) = 0.777 W/kg



0 dB = 0.777 W/kg = -1.10 dBW/kg

#30_WCDMA II_RMC12.2K_Edge 1_0cm_Ch9262**DUT: 202430**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121123 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.487$ mho/m; $\epsilon_r = 54.645$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

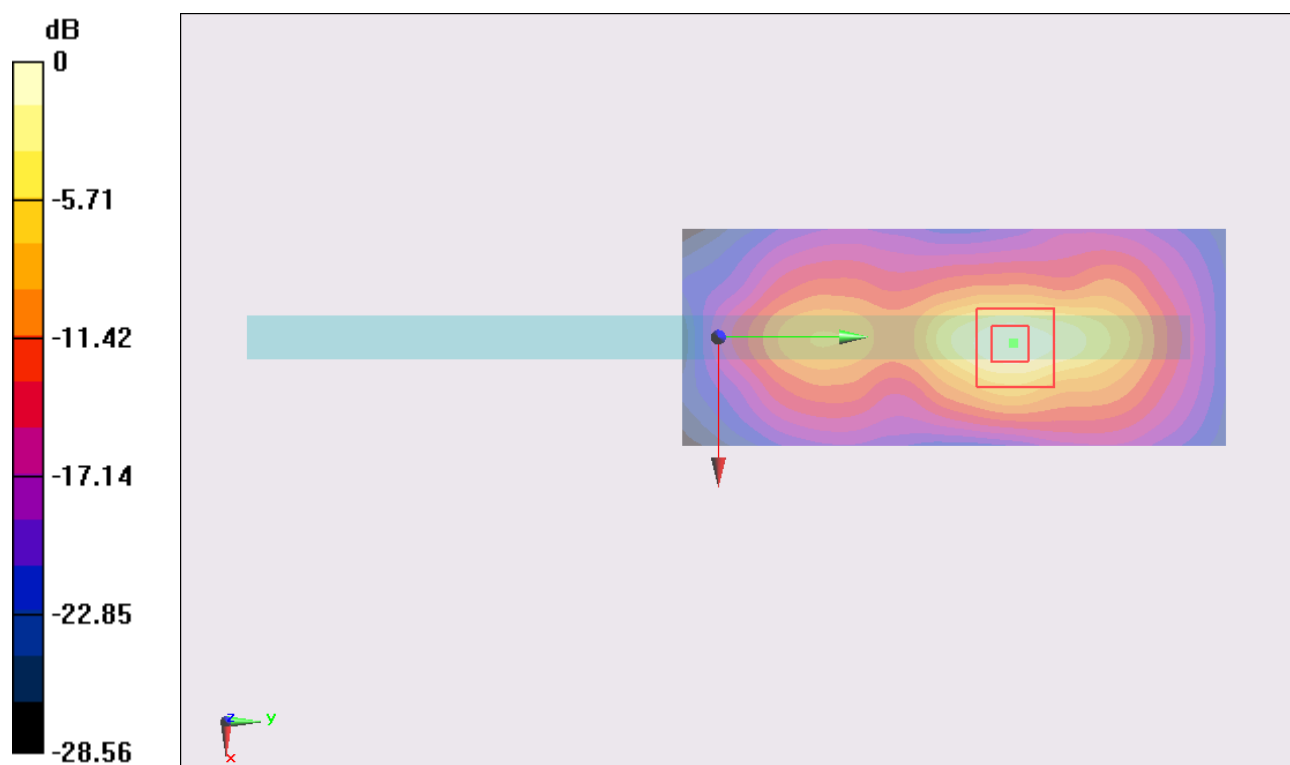
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch9262/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 28.674 V/m; Power Drift = -0.03 dB

Fast SAR: SAR(1 g) = 0.776 W/kg; SAR(10 g) = 0.336 W/kg

Maximum value of SAR (interpolated) = 0.990 W/kg



0 dB = 0.990 W/kg = -0.04 dBW/kg

#109_WCDMA II_RMC12.2K_Edge 1_0cm_Ch9262_Curve SAR**DUT: 2O2430**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121123 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.487$ mho/m; $\epsilon_r = 54.645$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

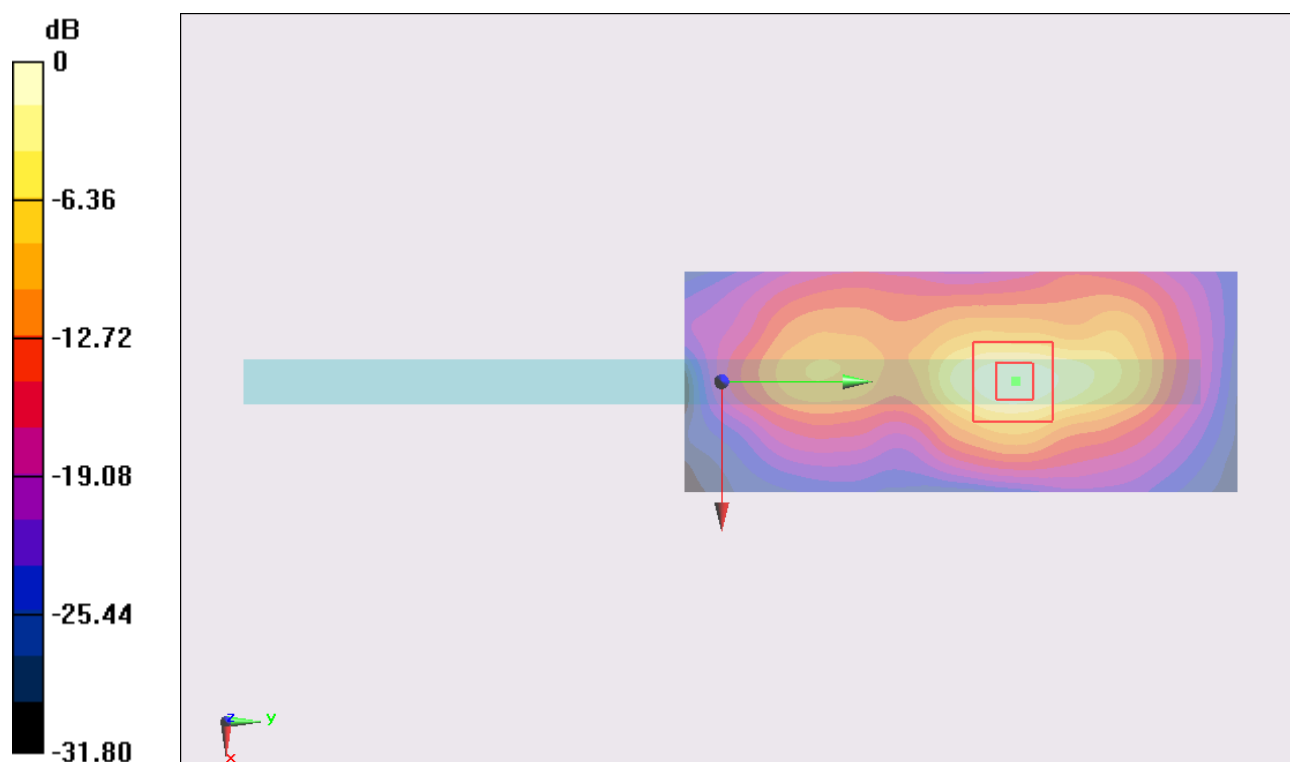
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch9262/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 32.001 V/m; Power Drift = 0.03 dB

Fast SAR: SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.429 W/kg

Maximum value of SAR (interpolated) = 1.28 W/kg



#110_WCDMA II_RMC12.2K_Edge 1_0cm_Ch9400_Curve SAR**DUT: 202430**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121123 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r = 54.557$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

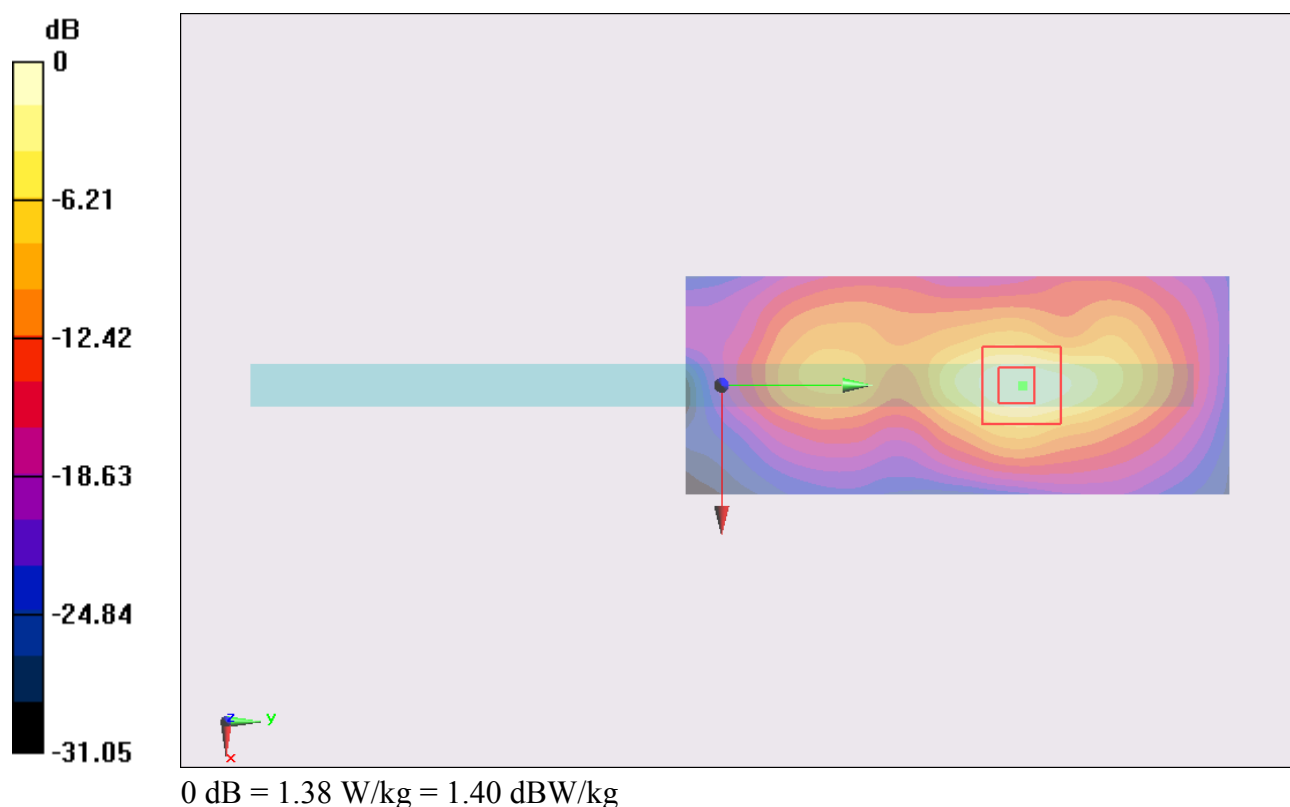
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch9400/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 31.379 V/m; Power Drift = 0.13 dB

Fast SAR: SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.477 W/kg

Maximum value of SAR (interpolated) = 1.38 W/kg



#111_WCDMA II_RMC12.2K_Edge 1_0cm_Ch9538_Curve SAR**DUT: 202430**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121123 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 54.424$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch9538/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.43 W/kg

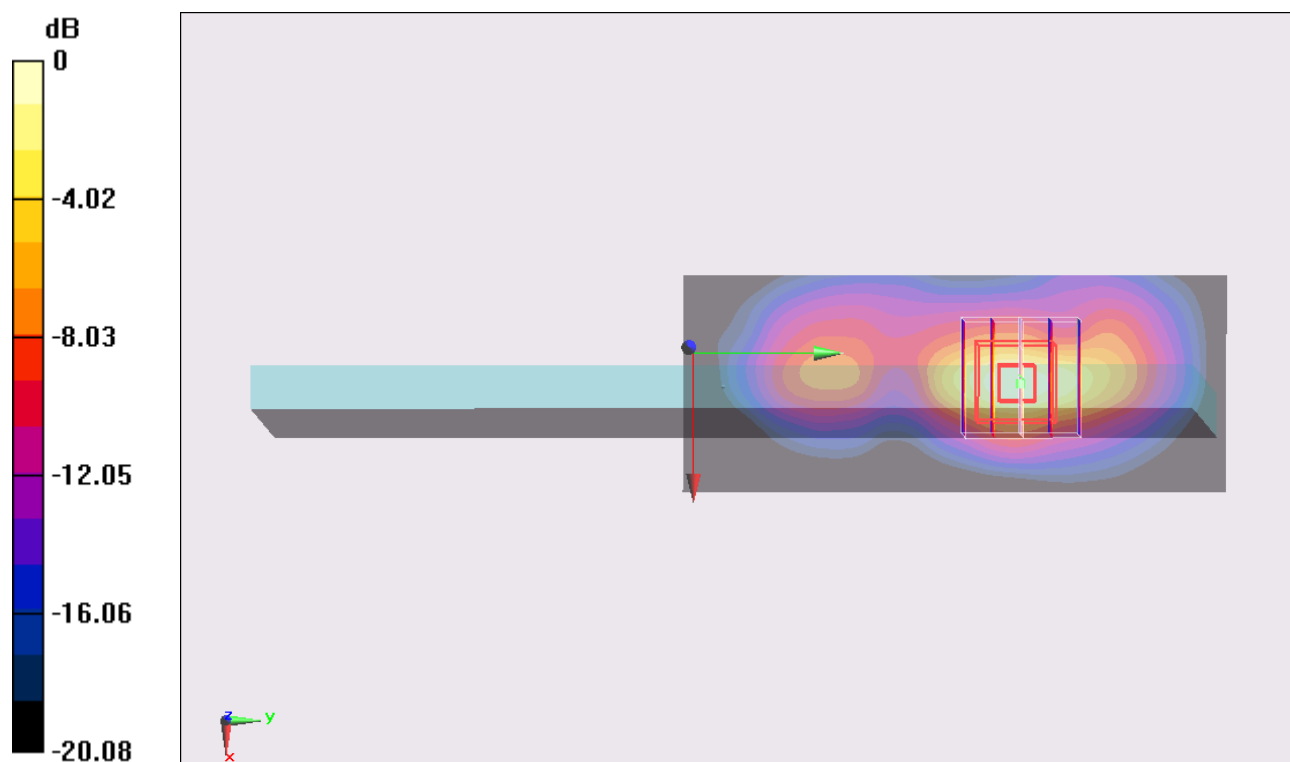
Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.677 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 2.25 W/kg

SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.558 W/kg

Maximum value of SAR (measured) = 1.44 W/kg



#169_WCDMA II_RMC12.2K_Edge 1_0cm_Ch9538_Curve SAR_Repeat**DUT: 2O2430**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121123 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 54.424$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch9538/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.40 W/kg

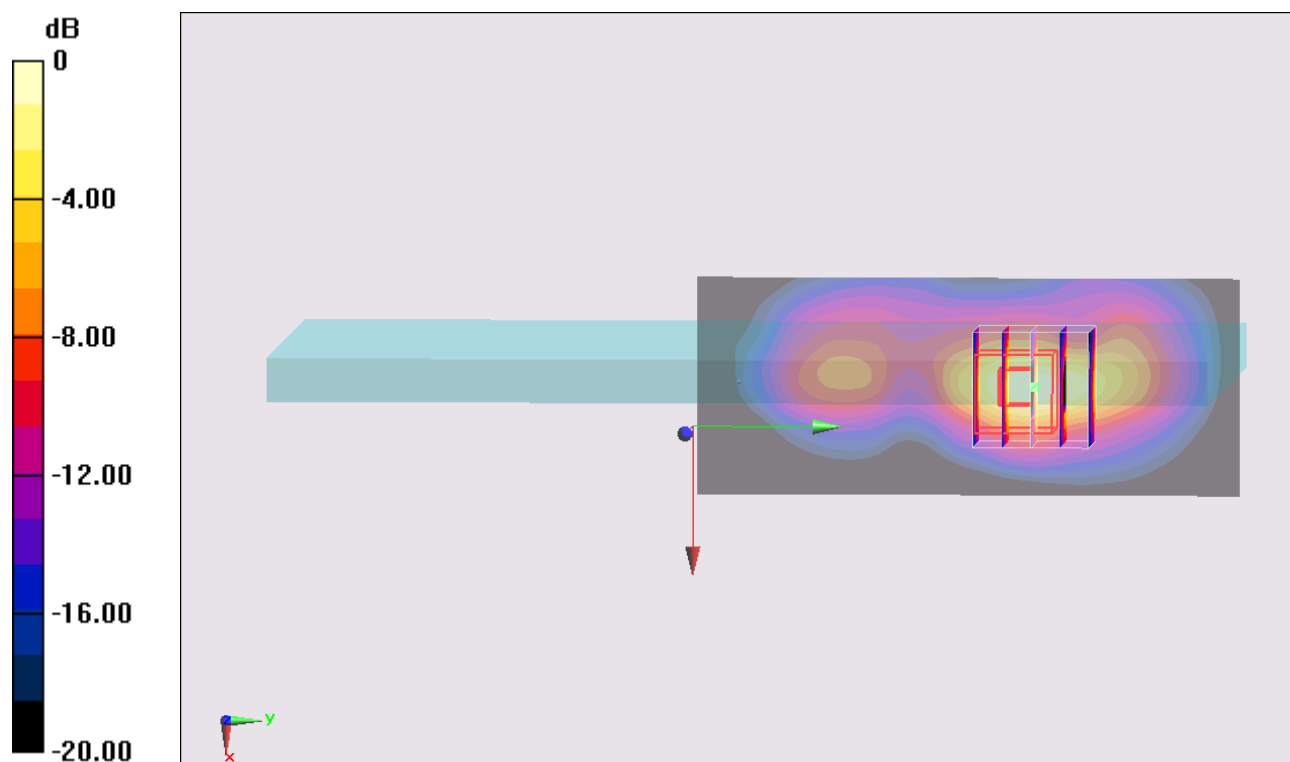
Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.678 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.46 W/kg

SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.481 W/kg

Maximum value of SAR (measured) = 1.48 W/kg



#169_WCDMA II_RMC12.2K_Edge 1_0cm_Ch9538_Curve SAR_Repeat_2D**DUT: 202430**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121123 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 54.424$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.2°C ; Liquid Temperature : 21.2°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch9538/Area Scan (41x101x1): Measurement grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$
Maximum value of SAR (interpolated) = 1.40 W/kg

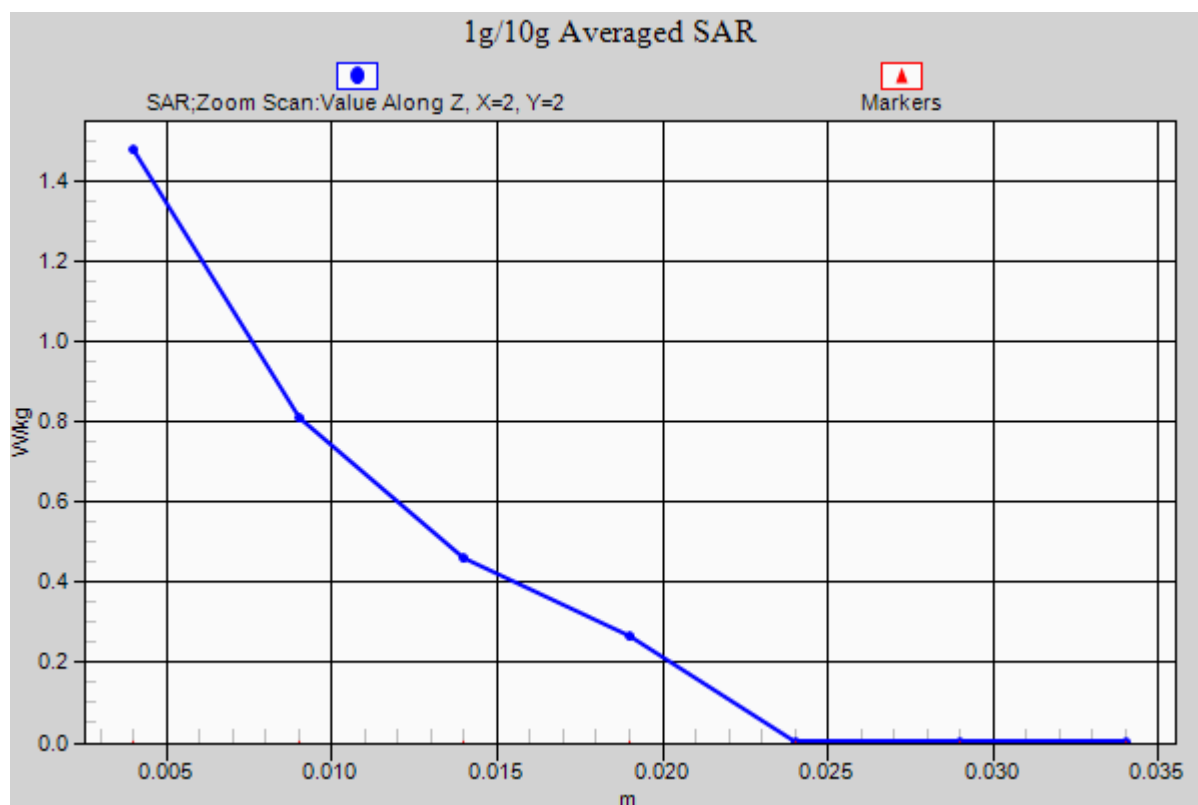
Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 32.678 V/m ; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.46 W/kg

SAR(1 g) = 1.22 W/kg ; SAR(10 g) = 0.481 W/kg

Maximum value of SAR (measured) = 1.48 W/kg



#86_LTE Band 17_10M_QPSK 1RB 0offset_Bottom Face_1.4cm_Ch23780**DUT: 2O2430**

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: MSL_750_121124 Medium parameters used: $f = 709$ MHz; $\sigma = 0.933$ mho/m; $\epsilon_r = 54.86$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.6°C ; Liquid Temperature : 21.6°C

DASY5 Configuration:

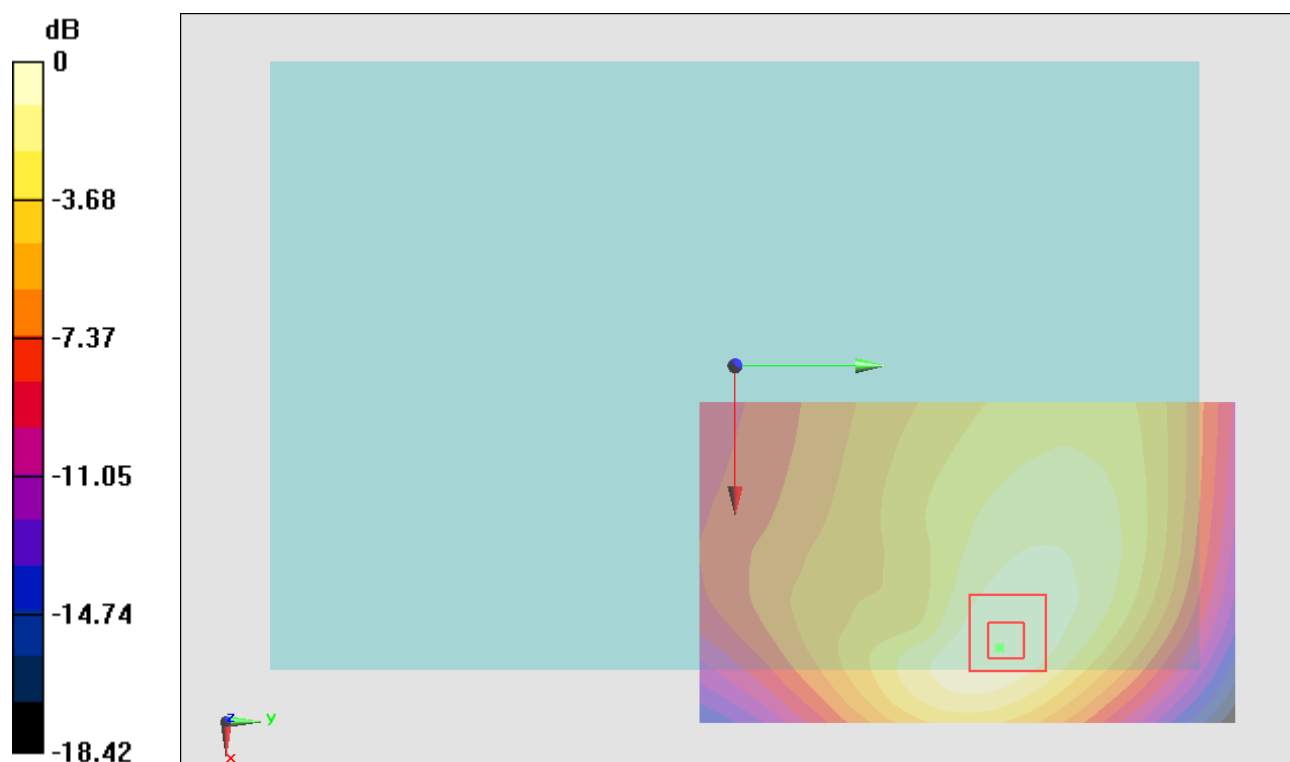
- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch23780/Area Scan (61x101x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Reference Value = 15.760 V/m ; Power Drift = -0.02 dB

Fast SAR: SAR(1 g) = 0.195 W/kg ; SAR(10 g) = 0.134 W/kg

Maximum value of SAR (interpolated) = 0.211 W/kg



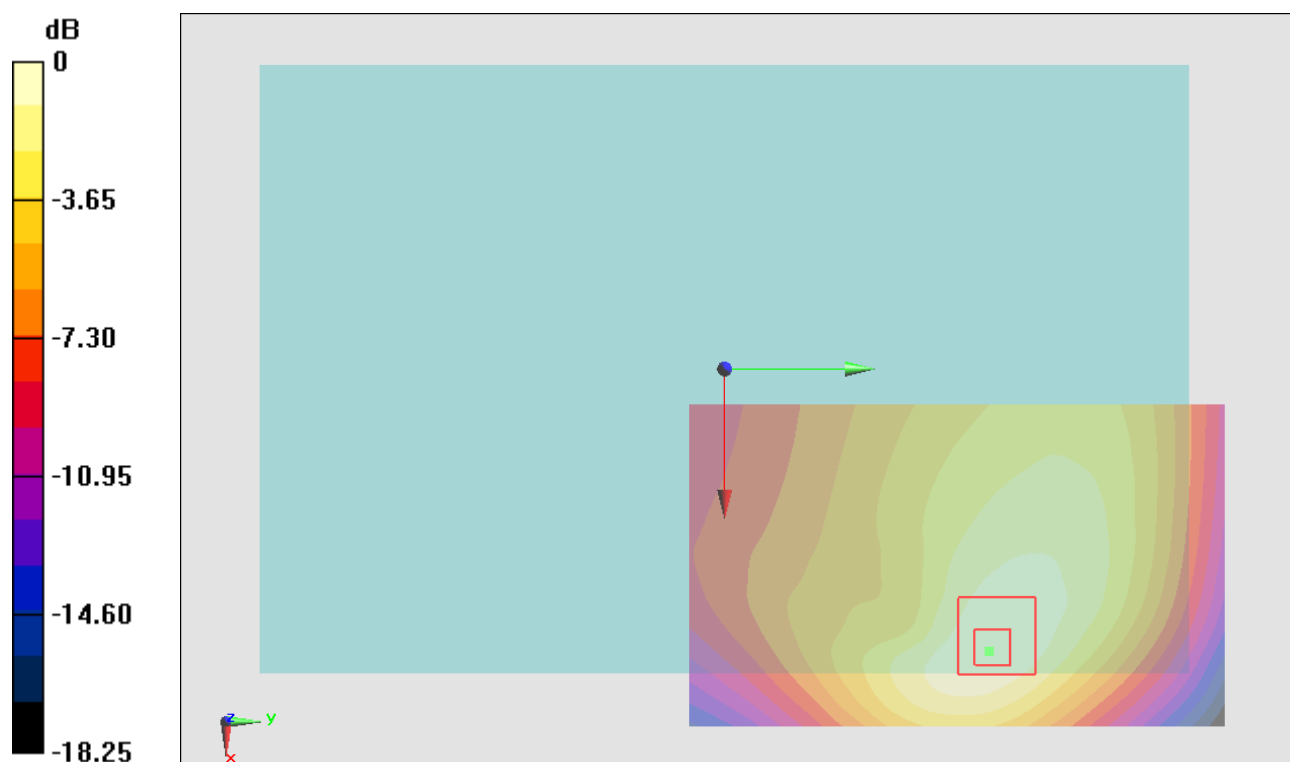
#87_LTE Band 17_10M_QPSK 25RB 0offset_Bottom Face_1.4cm_Ch23780**DUT: 202430**

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: MSL_750_121124 Medium parameters used: $f = 709$ MHz; $\sigma = 0.933$ mho/m; $\epsilon_r = 54.86$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.6°C ; Liquid Temperature : 21.6°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch23780/Area Scan (61x101x1): Measurement grid: $dx=15$ mm, $dy=15$ mmReference Value = 4.529 V/m ; Power Drift = 0.06 dB **Fast SAR: SAR(1 g) = 0.174 W/kg ; SAR(10 g) = 0.119 W/kg** Maximum value of SAR (interpolated) = 0.188 W/kg  $0 \text{ dB} = 0.188 \text{ W/kg} = -7.26 \text{ dBW/kg}$

#88_LTE Band 17_10M_QPSK 1RB 0offset_Edge 1_1.1cm_Ch23780**DUT: 2O2430**

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: MSL_750_121124 Medium parameters used: $f = 709$ MHz; $\sigma = 0.933$ mho/m; $\epsilon_r = 54.86$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.6°C ; Liquid Temperature : 21.6°C

DASY5 Configuration:

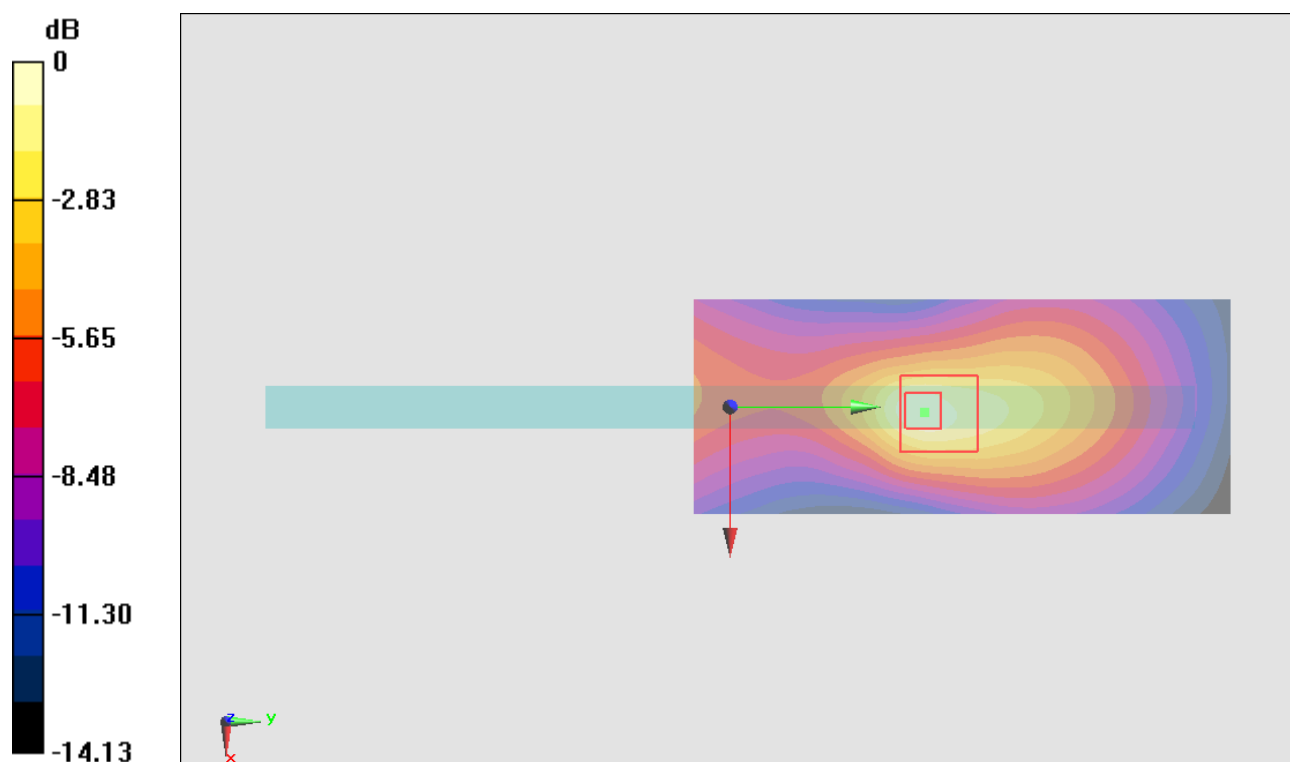
- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch23780/Area Scan (41x101x1): Measurement grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Reference Value = 13.325 V/m ; Power Drift = -0.11 dB

Fast SAR: SAR(1 g) = 0.137 W/kg ; SAR(10 g) = 0.081 W/kg

Maximum value of SAR (interpolated) = 0.162 W/kg



0 dB = 0.162 W/kg = -7.90 dBW/kg

#89_LTE Band 17_10M_QPSK 25RB 0offset_Edge 1_1.1cm_Ch23780**DUT: 2O2430**

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: MSL_750_121124 Medium parameters used: $f = 709$ MHz; $\sigma = 0.933$ mho/m; $\epsilon_r = 54.86$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.6°C ; Liquid Temperature : 21.6°C

DASY5 Configuration:

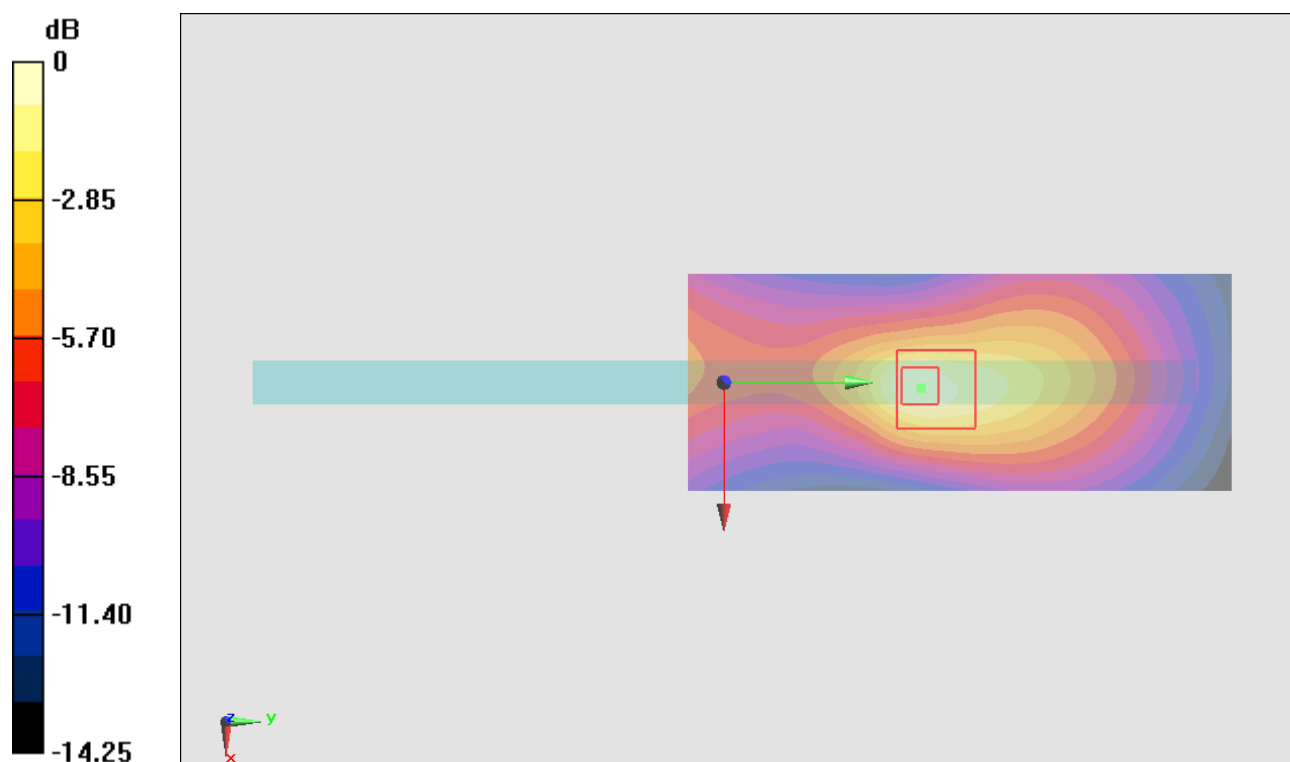
- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch23780/Area Scan (41x101x1): Measurement grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Reference Value = 12.085 V/m ; Power Drift = -0.01 dB

Fast SAR: SAR(1 g) = 0.113 W/kg ; SAR(10 g) = 0.067 W/kg

Maximum value of SAR (interpolated) = 0.133 W/kg



0 dB = 0.133 W/kg = -8.76 dBW/kg

#90_LTE Band 17_10M_QPSK 1RB 0offset_Edge 2_0cm_Ch23780**DUT: 202430**

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: MSL_750_121124 Medium parameters used: $f = 709$ MHz; $\sigma = 0.933$ mho/m; $\epsilon_r = 54.86$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

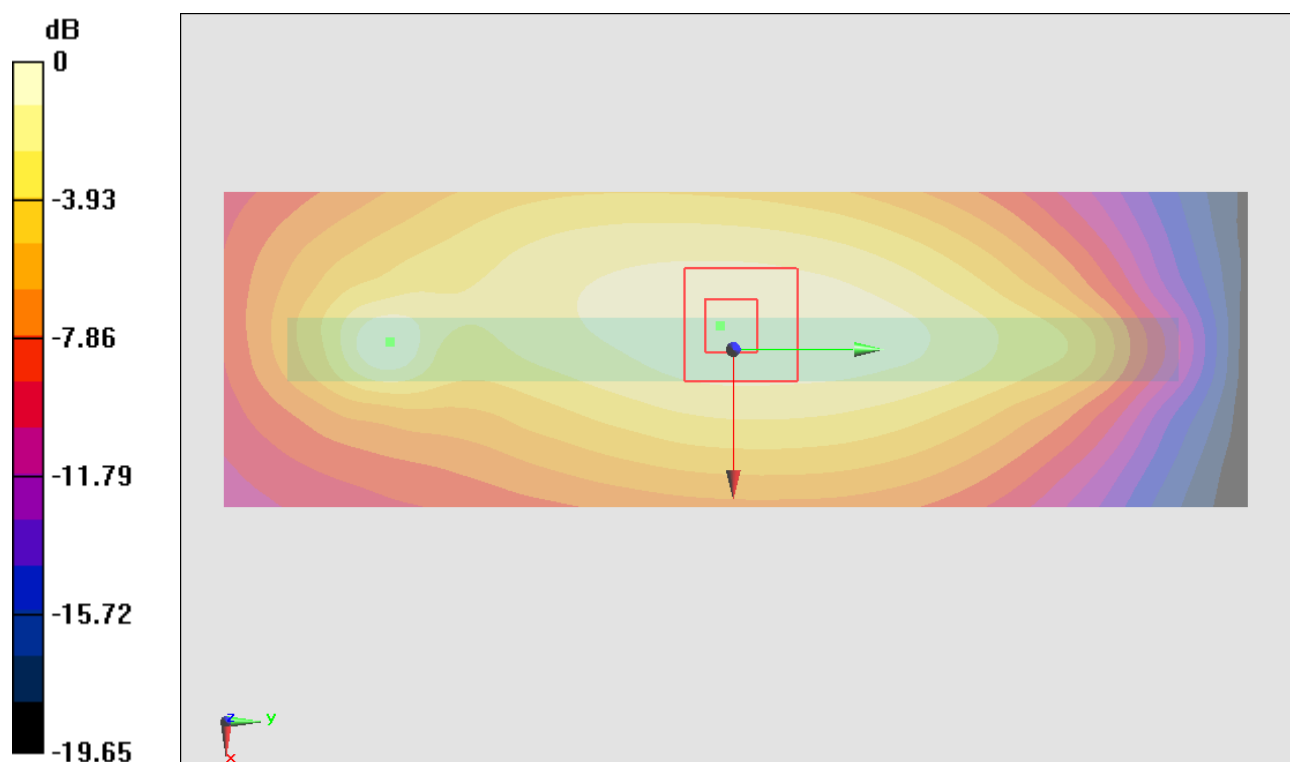
- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch23780/Area Scan (41x131x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 1.442 V/m; Power Drift = 0.17 dB

Fast SAR: SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.080 W/kg

Maximum value of SAR (interpolated) = 0.132 W/kg



#91_LTE Band 17_10M_QPSK 25RB 0offset_Edge 2_0cm_Ch23780**DUT: 202430**

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: MSL_750_121124 Medium parameters used: $f = 709$ MHz; $\sigma = 0.933$ mho/m; $\epsilon_r = 54.86$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

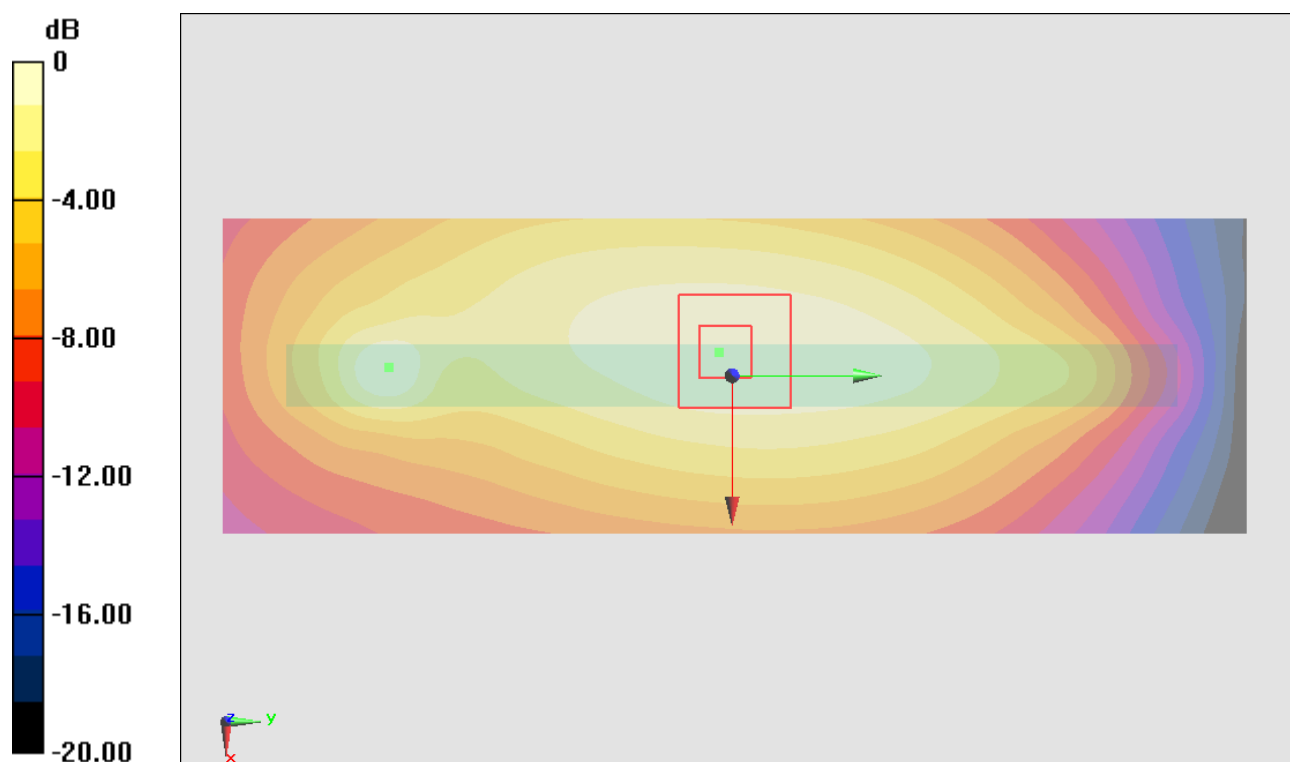
- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch23780/Area Scan (41x131x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 11.401 V/m; Power Drift = -0.04 dB

Fast SAR: SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.071 W/kg

Maximum value of SAR (interpolated) = 0.114 W/kg



0 dB = 0.114 W/kg = -9.43 dBW/kg

#92_LTE Band 17_10M_QPSK 1RB 24offset_Bottom Face_0cm_Ch23780**DUT: 2O2430**

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: MSL_750_121124 Medium parameters used: $f = 709$ MHz; $\sigma = 0.933$ mho/m; $\epsilon_r = 54.86$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.6°C ; Liquid Temperature : 21.6°C

DASY5 Configuration:

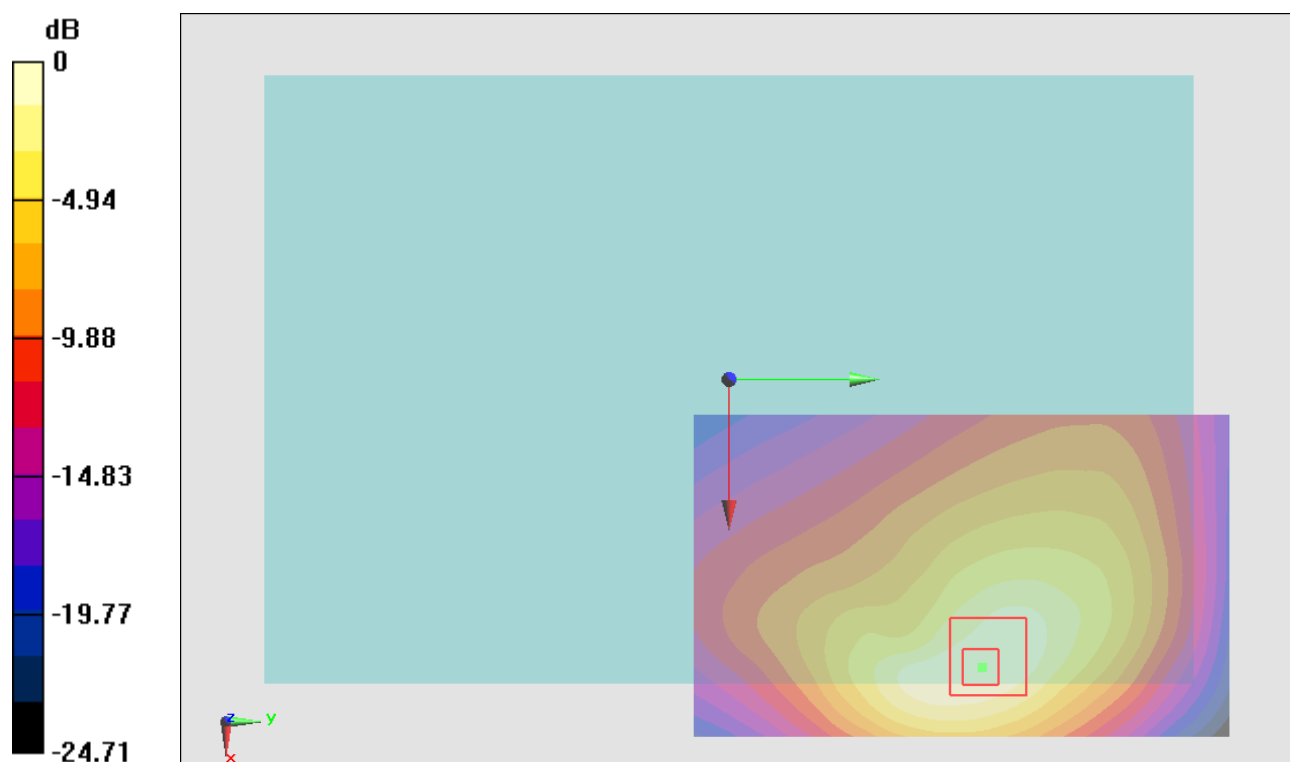
- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch23780/Area Scan (61x101x1): Measurement grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Reference Value = 24.075 V/m ; Power Drift = -0.05 dB

Fast SAR: SAR(1 g) = 0.451 W/kg ; SAR(10 g) = 0.290 W/kg

Maximum value of SAR (interpolated) = 0.500 W/kg



0 dB = 0.500 W/kg = -3.01 dBW/kg

#93_LTE Band 17_10M_QPSK 25RB 0offset_Bottom Face_0cm_Ch23780**DUT: 2O2430**

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: MSL_750_121124 Medium parameters used: $f = 709$ MHz; $\sigma = 0.933$ mho/m; $\epsilon_r = 54.86$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

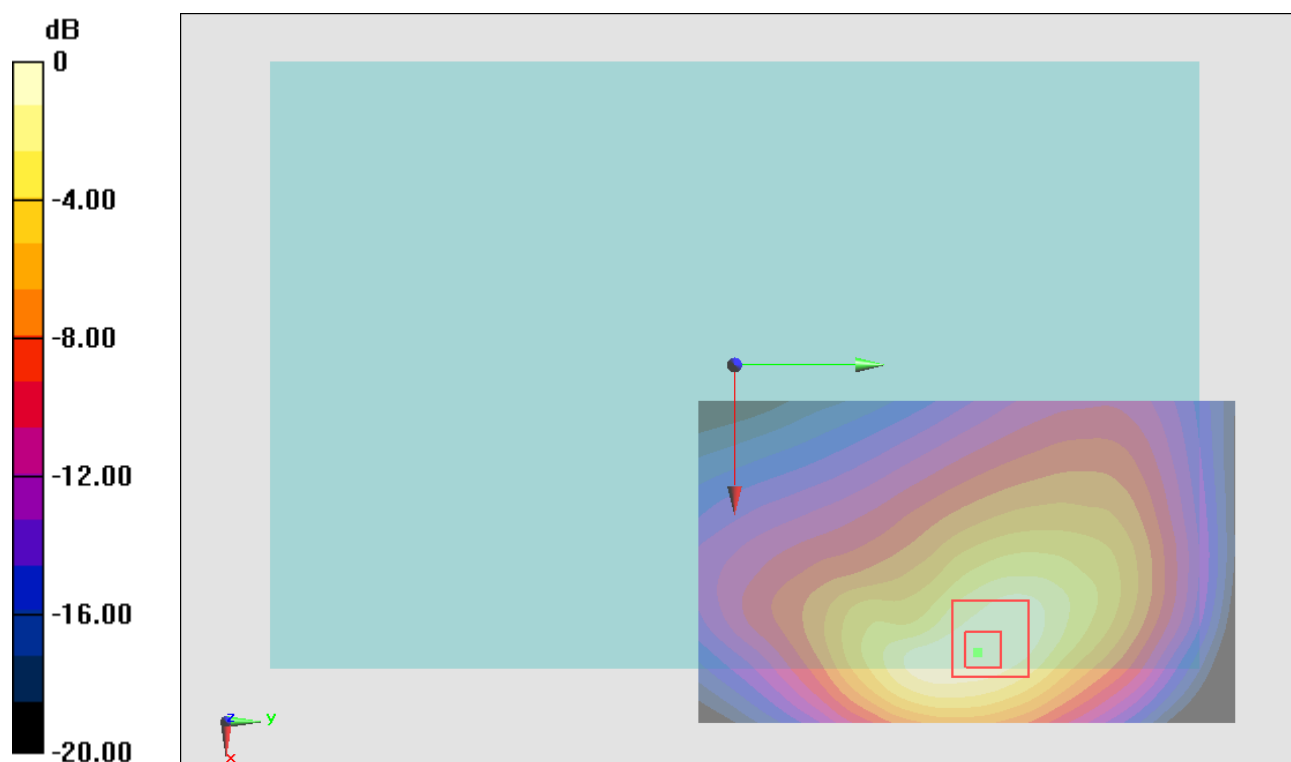
- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch23780/Area Scan (61x101x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 19.497 V/m; Power Drift = 0.09 dB

Fast SAR: SAR(1 g) = 0.293 W/kg; SAR(10 g) = 0.190 W/kg

Maximum value of SAR (interpolated) = 0.323 W/kg



0 dB = 0.323 W/kg = -4.91 dBW/kg

#94_LTE Band 17_10M_QPSK 1RB 24offset_Edge 1_0cm_Ch23780**DUT: 2O2430**

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: MSL_750_121124 Medium parameters used: $f = 709$ MHz; $\sigma = 0.933$ mho/m; $\epsilon_r = 54.86$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

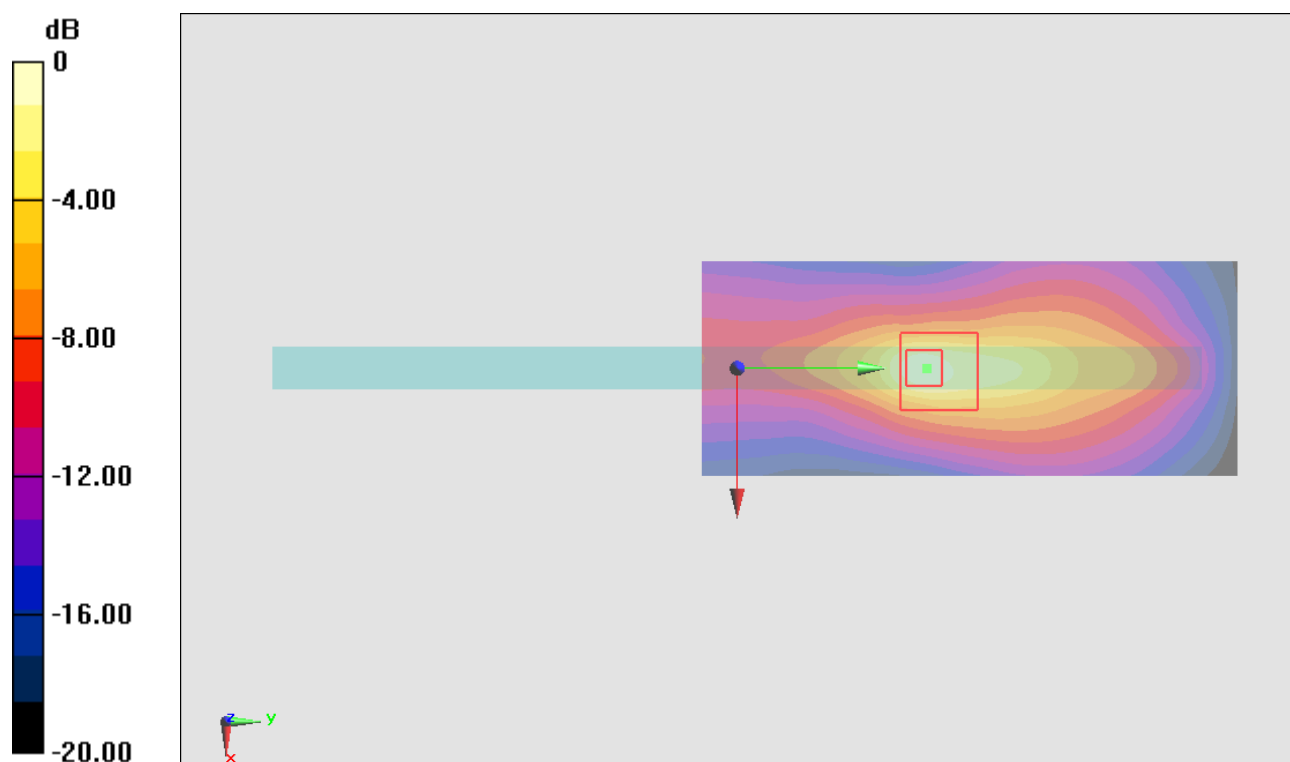
- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch23780/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 24.974 V/m; Power Drift = 0.02 dB

Fast SAR: SAR(1 g) = 0.444 W/kg; SAR(10 g) = 0.223 W/kg

Maximum value of SAR (interpolated) = 0.584 W/kg



0 dB = 0.584 W/kg = -2.34 dBW/kg

#95_LTE Band 17_10M_QPSK 25RB 0offset_Edge 1_0cm_Ch23780**DUT: 2O2430**

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: MSL_750_121124 Medium parameters used: $f = 709$ MHz; $\sigma = 0.933$ mho/m; $\epsilon_r = 54.86$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

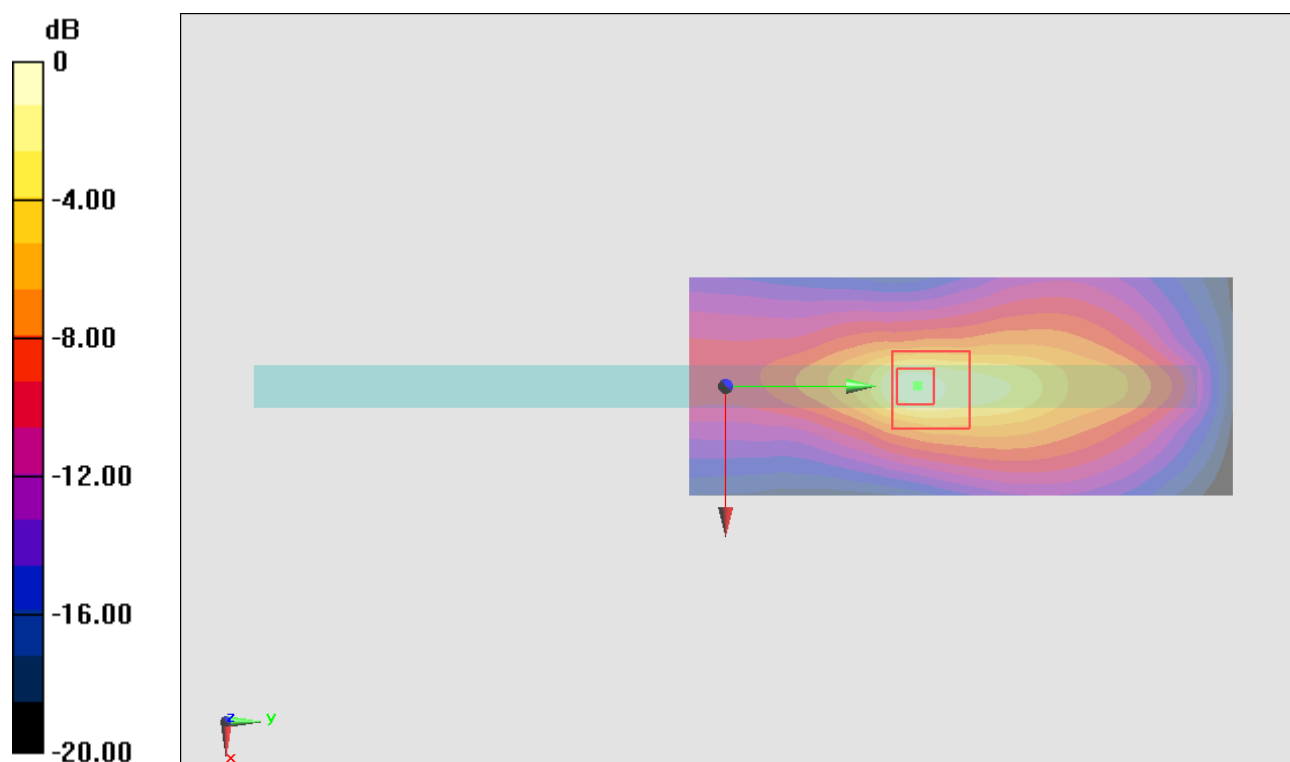
- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch23780/Area Scan (41x101x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Reference Value = 19.993 V/m; Power Drift = -0.10 dB

Fast SAR: SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.142 W/kg

Maximum value of SAR (interpolated) = 0.371 W/kg



#119_LTE Band 17_10M_QPSK 1RB 24offset_Edge 1_0cm_Ch23780_Curve SAR**DUT: 2O2430**

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: MSL_750_121124 Medium parameters used: $f = 709$ MHz; $\sigma = 0.933$ mho/m; $\epsilon_r = 54.86$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch23780/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 0.610 W/kg

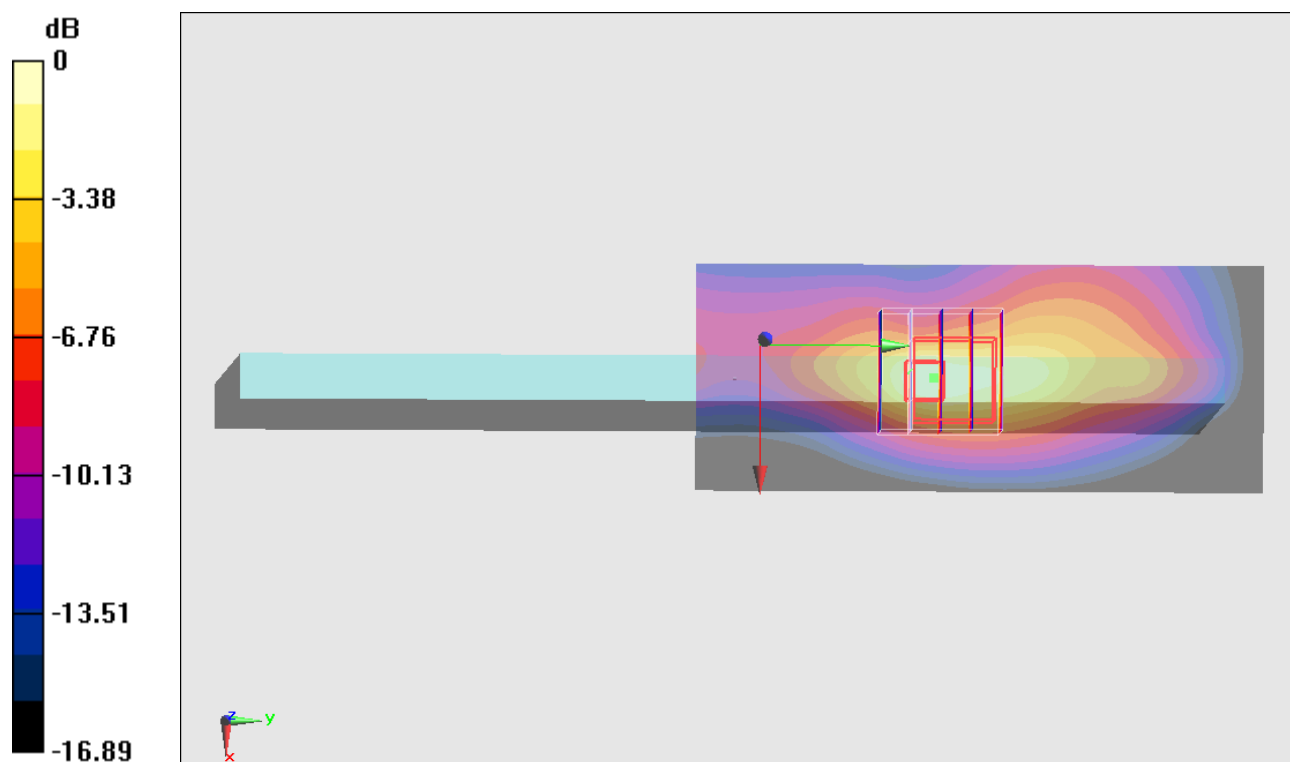
Configuration/Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.503 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.474 W/kg; SAR(10 g) = 0.219 W/kg

Maximum value of SAR (measured) = 0.554 W/kg



#119_LTE Band 17_10M_QPSK 1RB 24offset_Edge 1_0cm_Ch23780_Curve SAR_2D**DUT: 2O2430**

Communication System: LTE; Frequency: 709 MHz; Duty Cycle: 1:1

Medium: MSL_750_121124 Medium parameters used: $f = 709$ MHz; $\sigma = 0.933$ mho/m; $\epsilon_r = 54.86$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.6°C ; Liquid Temperature : 21.6°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch23780/Area Scan (41x101x1): Measurement grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$
Maximum value of SAR (interpolated) = 0.610 W/kg

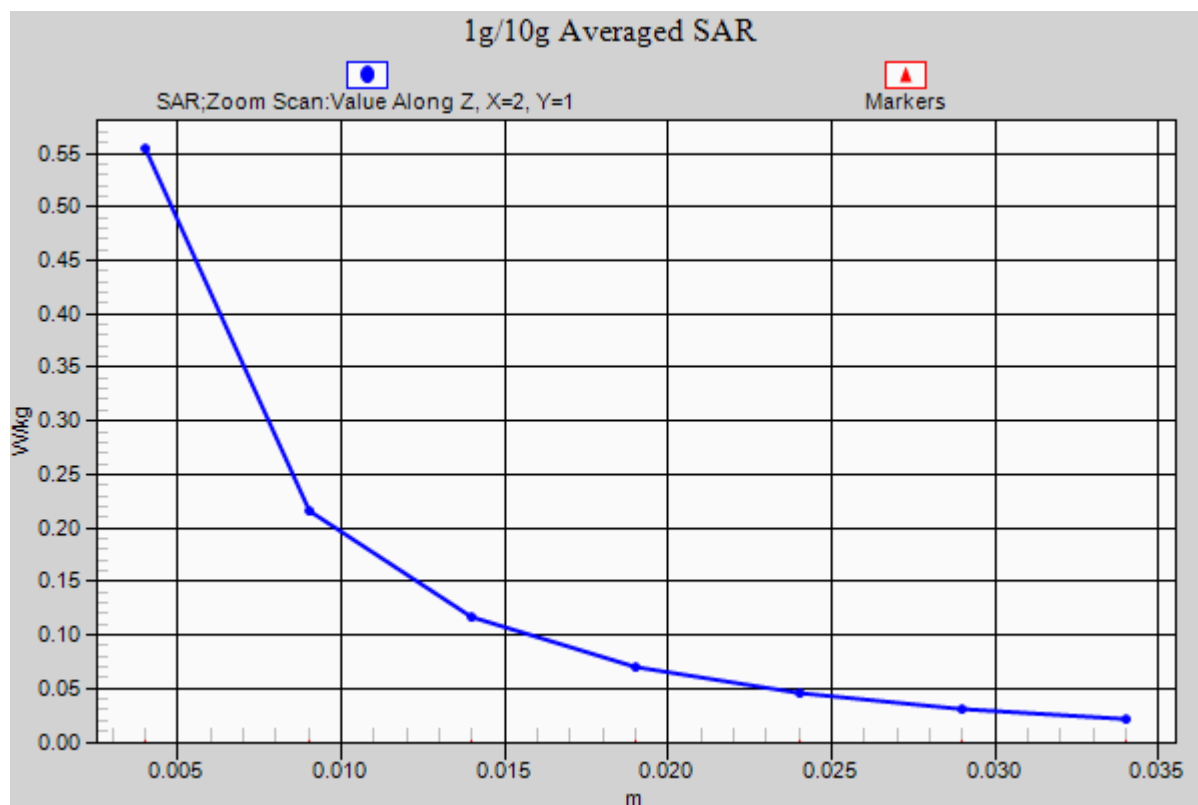
Configuration/Ch23780/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.503 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.474 W/kg ; SAR(10 g) = 0.219 W/kg

Maximum value of SAR (measured) = 0.554 W/kg



#84_LTE Band 5_10M_QPSK 1RB 0offset_Bottom Face_1.4cm_Ch20450**DUT: 202430**

Communication System: LTE; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: MSL_850_121121 Medium parameters used: $f = 829$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.659$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.8°C ; Liquid Temperature : 21.8°C

DASY5 Configuration:

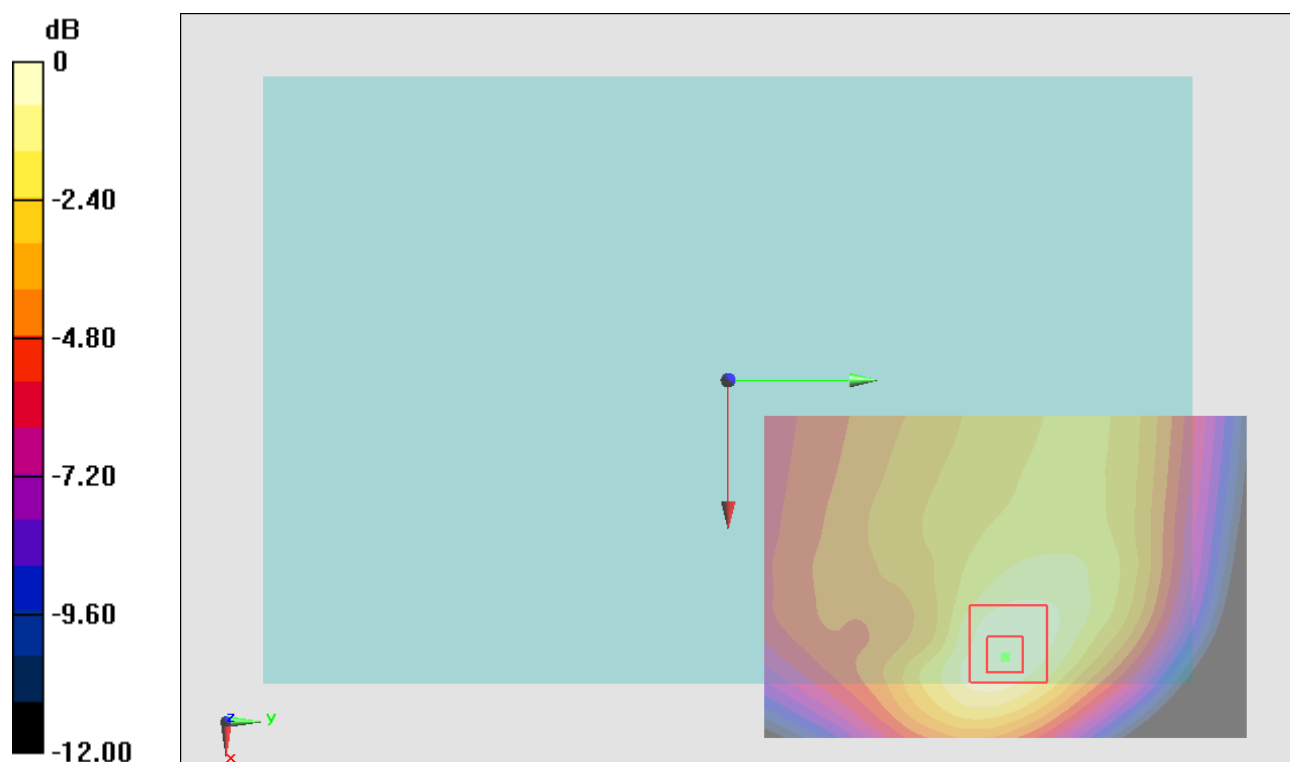
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch20450/Area Scan (61x91x1): Measurement grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Reference Value = 7.851 V/m ; Power Drift = 0.02 dB

Fast SAR: SAR(1 g) = 0.248 W/kg ; SAR(10 g) = 0.168 W/kg

Maximum value of SAR (interpolated) = 0.271 W/kg



#85_LTE Band 5_10M_QPSK 25RB 0offset_Bottom Face_1.4cm_Ch20450**DUT: 202430**

Communication System: LTE; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: MSL_850_121121 Medium parameters used: $f = 829$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.659$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.8°C ; Liquid Temperature : 21.8°C

DASY5 Configuration:

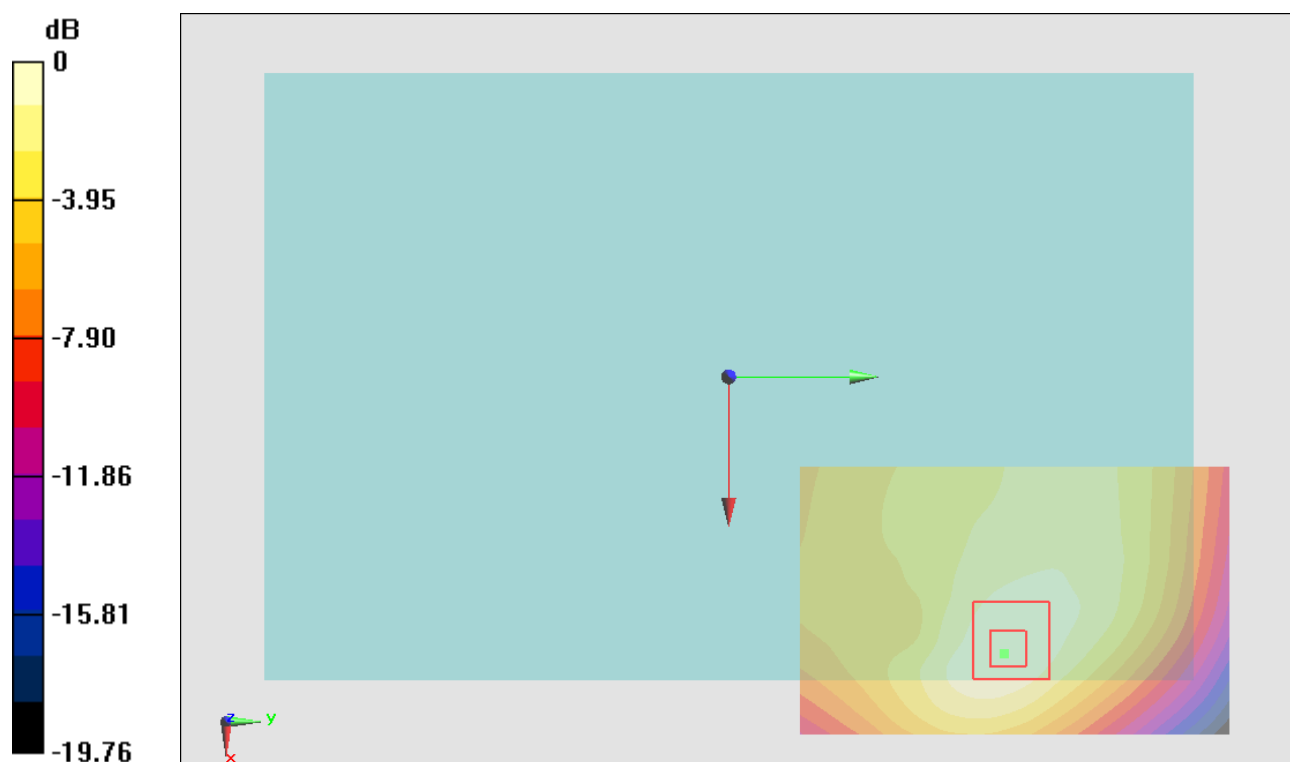
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch20450/Area Scan (51x81x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Reference Value = 7.542 V/m ; Power Drift = -0.05 dB

Fast SAR: SAR(1 g) = 0.231 W/kg ; SAR(10 g) = 0.155 W/kg

Maximum value of SAR (interpolated) = 0.250 W/kg



#80_LTE Band 5_10M_QPSK 1RB 0offset_Edge1_1.1cm_Ch20450**DUT: 202430**

Communication System: LTE; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: MSL_850_121121 Medium parameters used: $f = 829$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.659$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.8°C ; Liquid Temperature : 21.8°C

DASY5 Configuration:

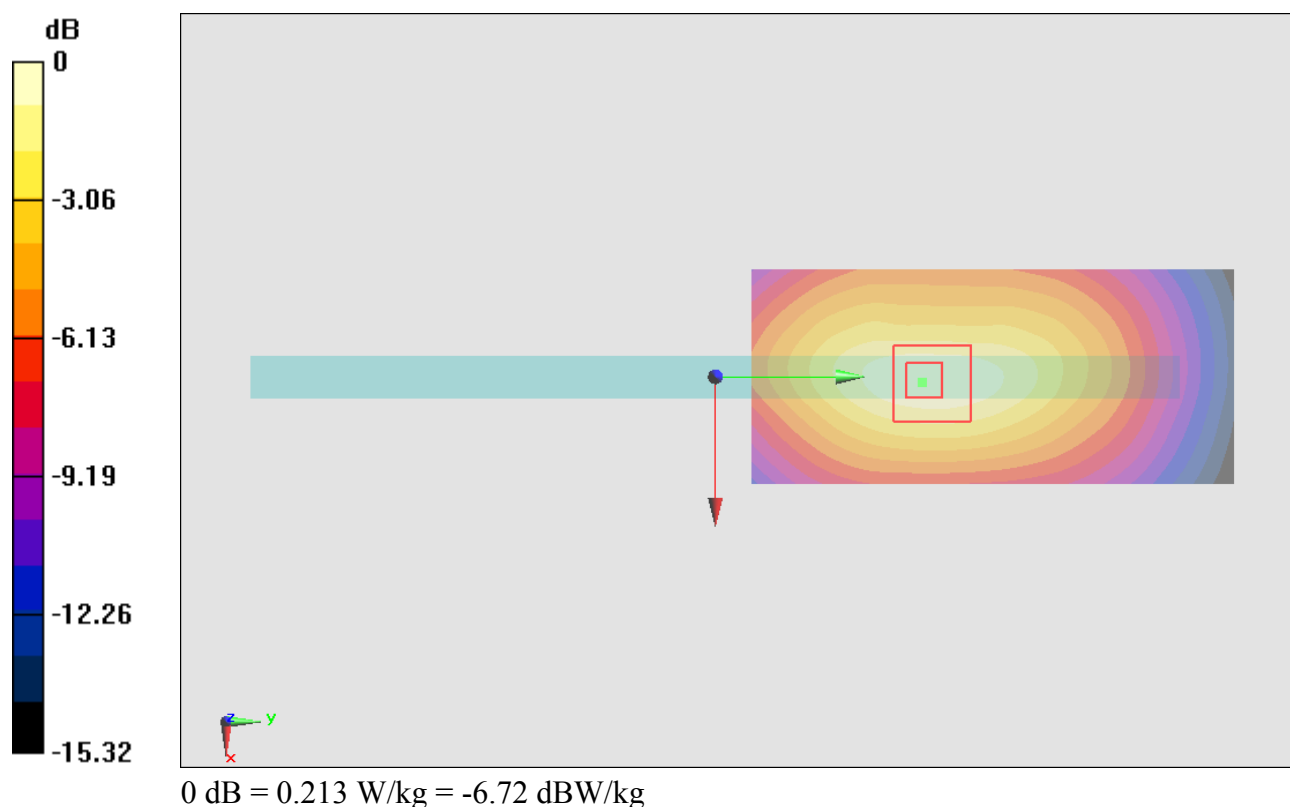
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch20450/Area Scan (41x91x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Reference Value = 15.56 V/m ; Power Drift = -0.01 dB

Fast SAR: SAR(1 g) = 0.194 W/kg ; SAR(10 g) = 0.124 W/kg

Maximum value of SAR (interpolated) = 0.213 W/kg



#81_LTE Band 5_10M_QPSK 25RB 0offset_Edge1_1.1cm_Ch20450**DUT: 202430**

Communication System: LTE; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: MSL_850_121121 Medium parameters used: $f = 829$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.659$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.8°C ; Liquid Temperature : 21.8°C

DASY5 Configuration:

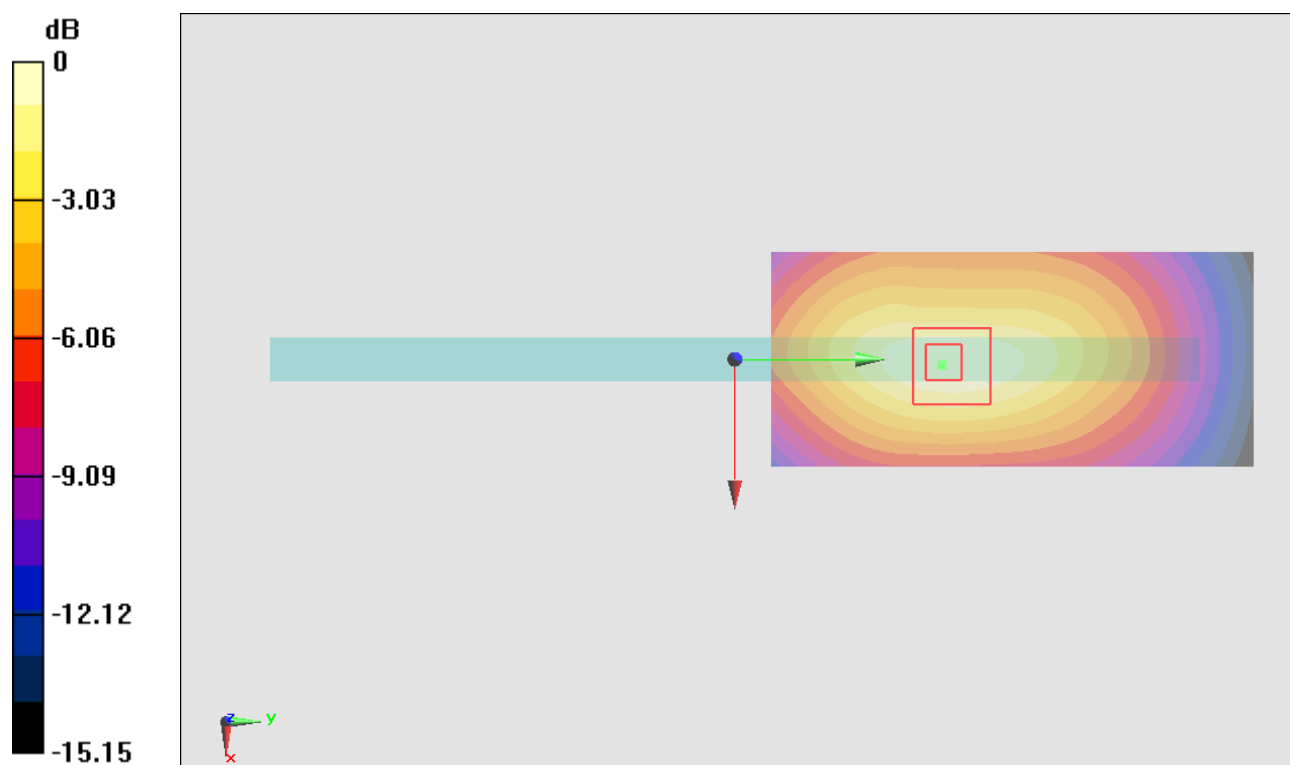
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch20450/Area Scan (41x91x1): Measurement grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Reference Value = 14.82 V/m ; Power Drift = -0.02 dB

Fast SAR: SAR(1 g) = 0.174 W/kg ; SAR(10 g) = 0.111 W/kg

Maximum value of SAR (interpolated) = 0.190 W/kg



0 dB = 0.190 W/kg = -7.21 dBW/kg

#82_LTE Band 5_10M_QPSK 1RB 0offset_Edge2_0cm_Ch20450**DUT: 202430**

Communication System: LTE; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: MSL_850_121121 Medium parameters used: $f = 829$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.659$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.8°C ; Liquid Temperature : 21.8°C

DASY5 Configuration:

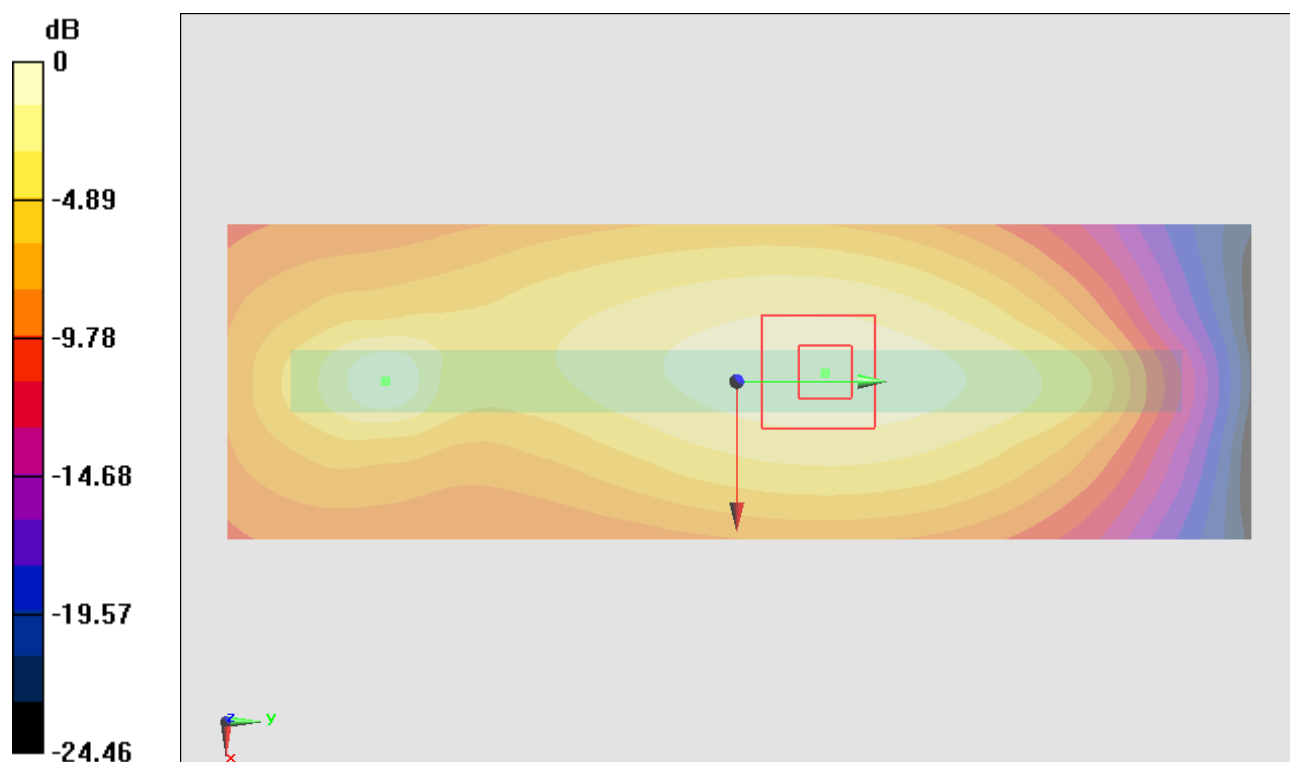
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch20450/Area Scan (41x131x1): Measurement grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Reference Value = 13.789 V/m ; Power Drift = -0.15 dB

Fast SAR: SAR(1 g) = 0.175 W/kg ; SAR(10 g) = 0.117 W/kg

Maximum value of SAR (interpolated) = 0.209 W/kg



0 dB = 0.209 W/kg = -6.80 dBW/kg

#83_LTE Band 5_10M_QPSK 25RB 0offset_Edge2_0cm_Ch20450**DUT: 202430**

Communication System: LTE; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: MSL_850_121121 Medium parameters used: $f = 829$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.659$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.8 °C

DASY5 Configuration:

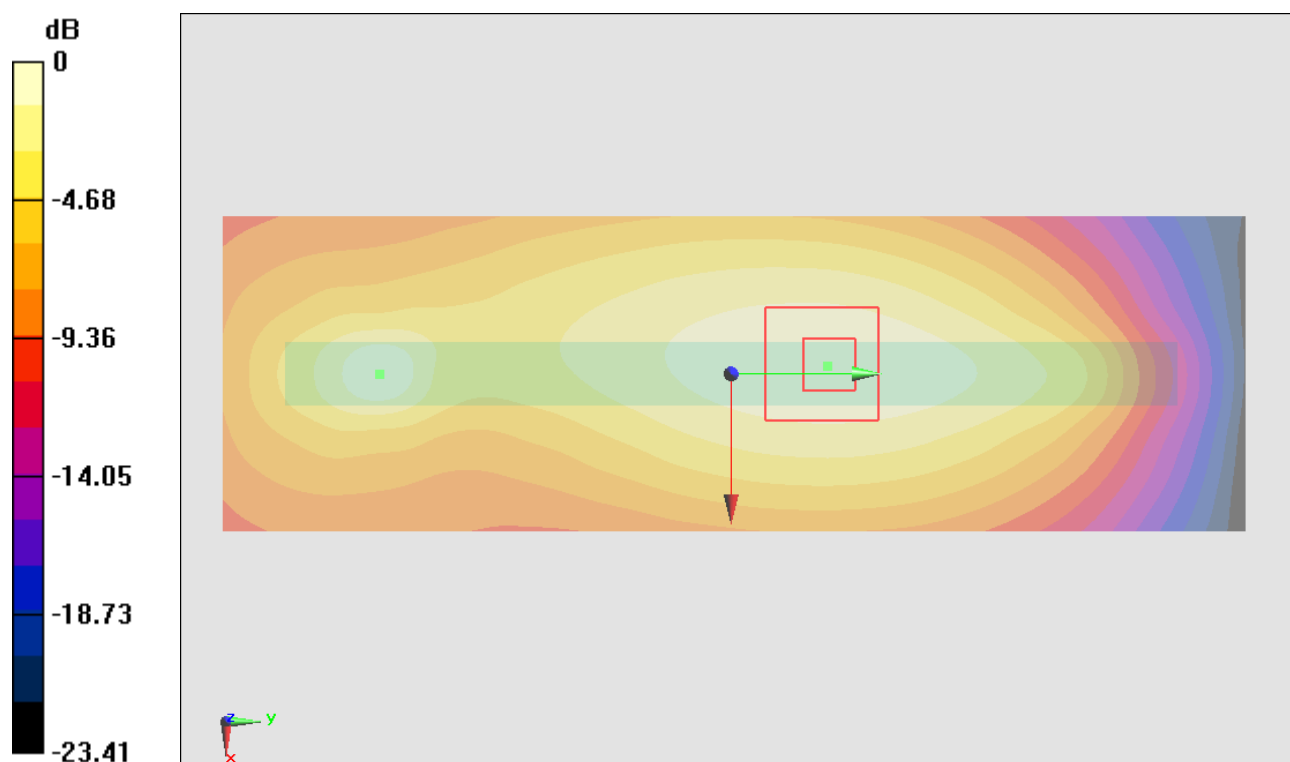
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch20450/Area Scan (41x131x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 13.179 V/m; Power Drift = -0.19 dB

Fast SAR: SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.110 W/kg

Maximum value of SAR (interpolated) = 0.189 W/kg



#78_LTE Band 5_10M_QPSK 1RB 0offset_Bottom Face_0cm_Ch20450**DUT: 202430**

Communication System: LTE; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: MSL_850_121121 Medium parameters used: $f = 829$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.659$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.8°C ; Liquid Temperature : 21.8°C

DASY5 Configuration:

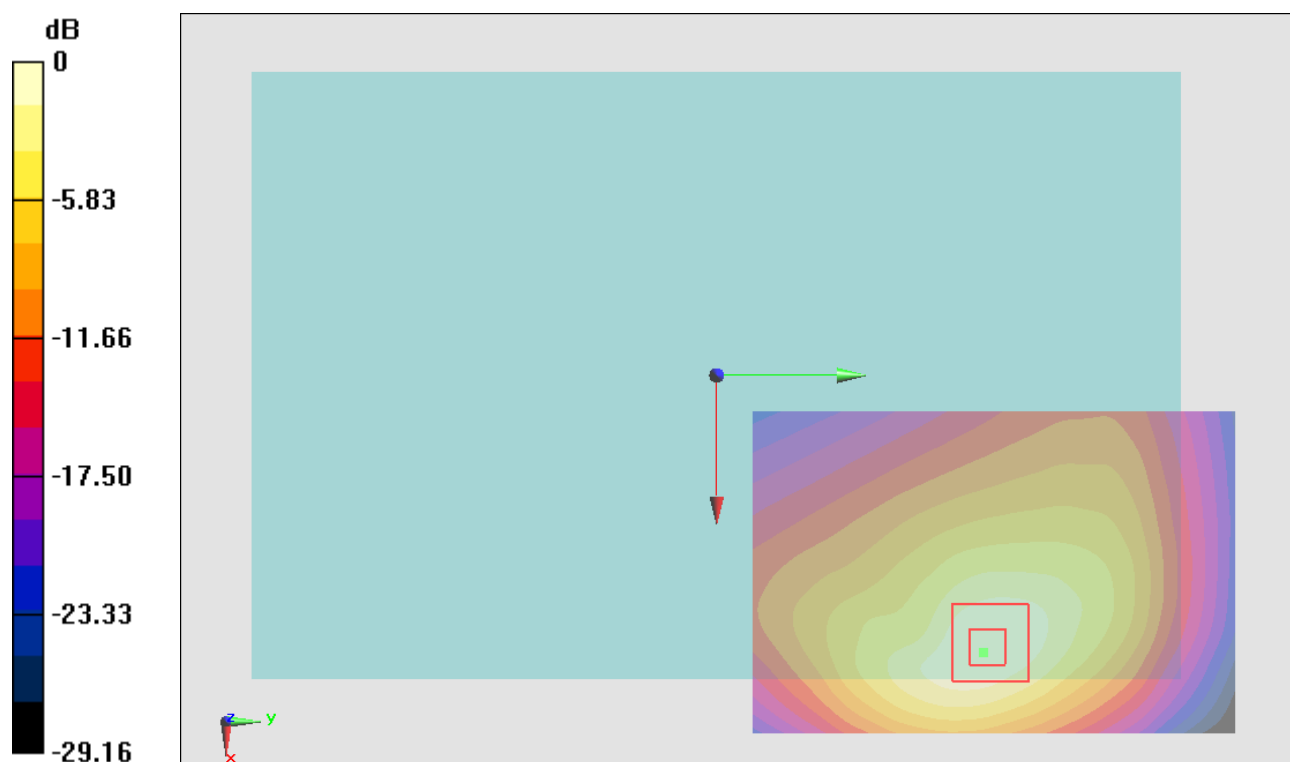
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch20450/Area Scan (61x91x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Reference Value = 24.28 V/m ; Power Drift = 0.00 dB

Fast SAR: SAR(1 g) = 0.447 W/kg ; SAR(10 g) = 0.284 W/kg

Maximum value of SAR (interpolated) = 0.499 W/kg



0 dB = 0.499 W/kg = -3.02 dBW/kg

#79_LTE Band 5_10M_QPSK 25RB 0offset_Bottom Face_0cm_Ch20600**DUT: 202430**

Communication System: LTE; Frequency: 844 MHz; Duty Cycle: 1:1

Medium: MSL_850_121121 Medium parameters used: $f = 844$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 54.521$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.8°C ; Liquid Temperature : 21.8°C

DASY5 Configuration:

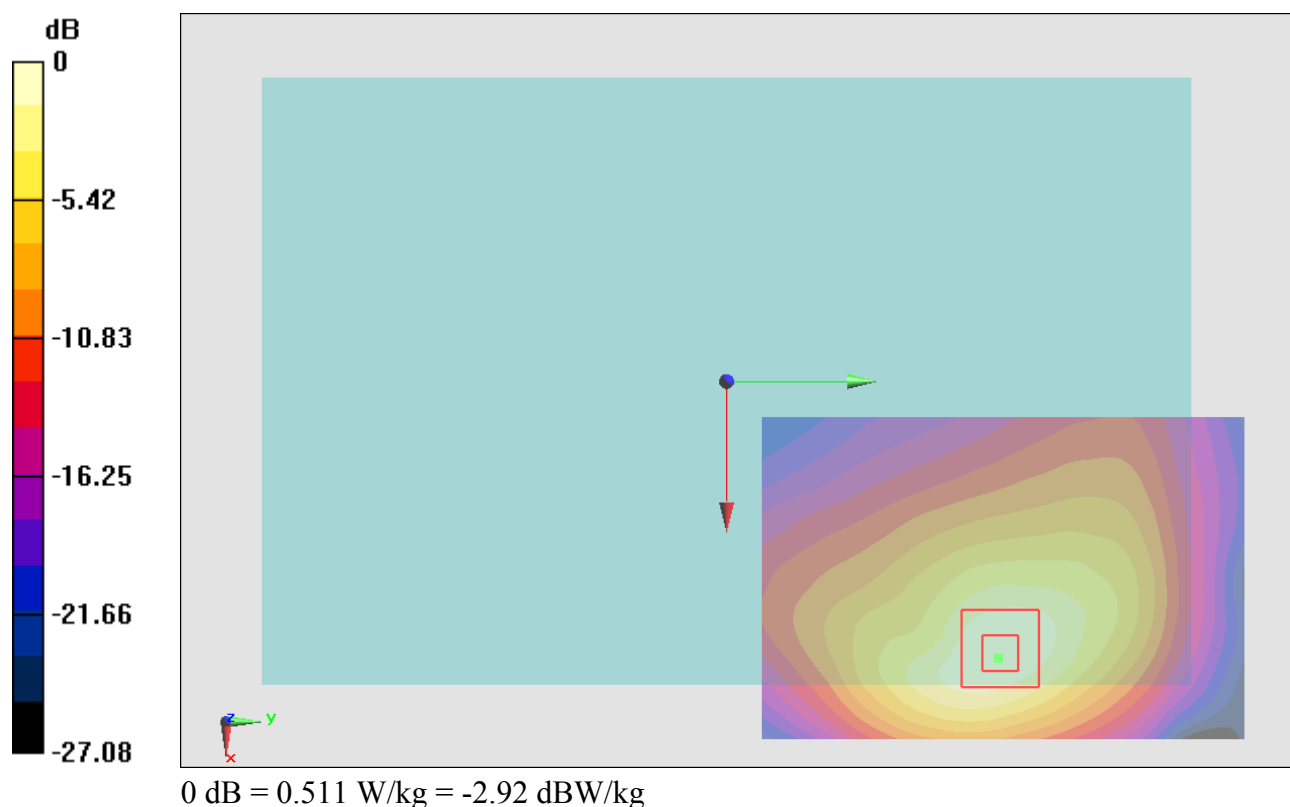
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch20600/Area Scan (61x91x1): Measurement grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Reference Value = 24.47 V/m ; Power Drift = 0.01 dB

Fast SAR: SAR(1 g) = 0.456 W/kg ; SAR(10 g) = 0.288 W/kg

Maximum value of SAR (interpolated) = 0.511 W/kg



#76_LTE Band 5_10M_QPSK 1RB 0offset_Edge1_0cm_Ch20450**DUT: 202430**

Communication System: LTE; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: MSL_850_121121 Medium parameters used: $f = 829$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.659$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.8°C ; Liquid Temperature : 21.8°C

DASY5 Configuration:

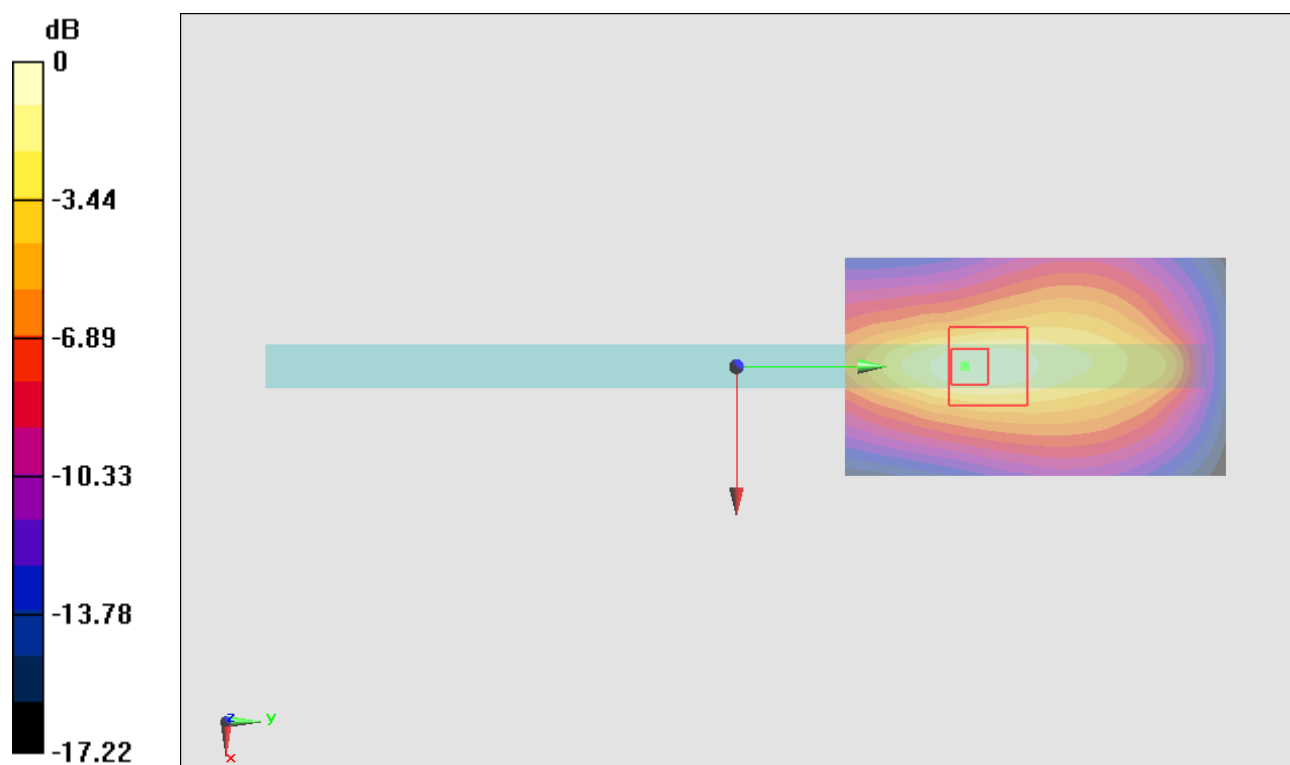
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch20450/Area Scan (41x71x1): Measurement grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Reference Value = 15.35 V/m ; Power Drift = -0.09 dB

Fast SAR: SAR(1 g) = 0.183 W/kg ; SAR(10 g) = 0.105 W/kg

Maximum value of SAR (interpolated) = 0.218 W/kg



0 dB = 0.218 W/kg = -6.62 dBW/kg

#77_LTE Band 5_10M_QPSK 25RB 0offset_Edge1_0cm_Ch20600

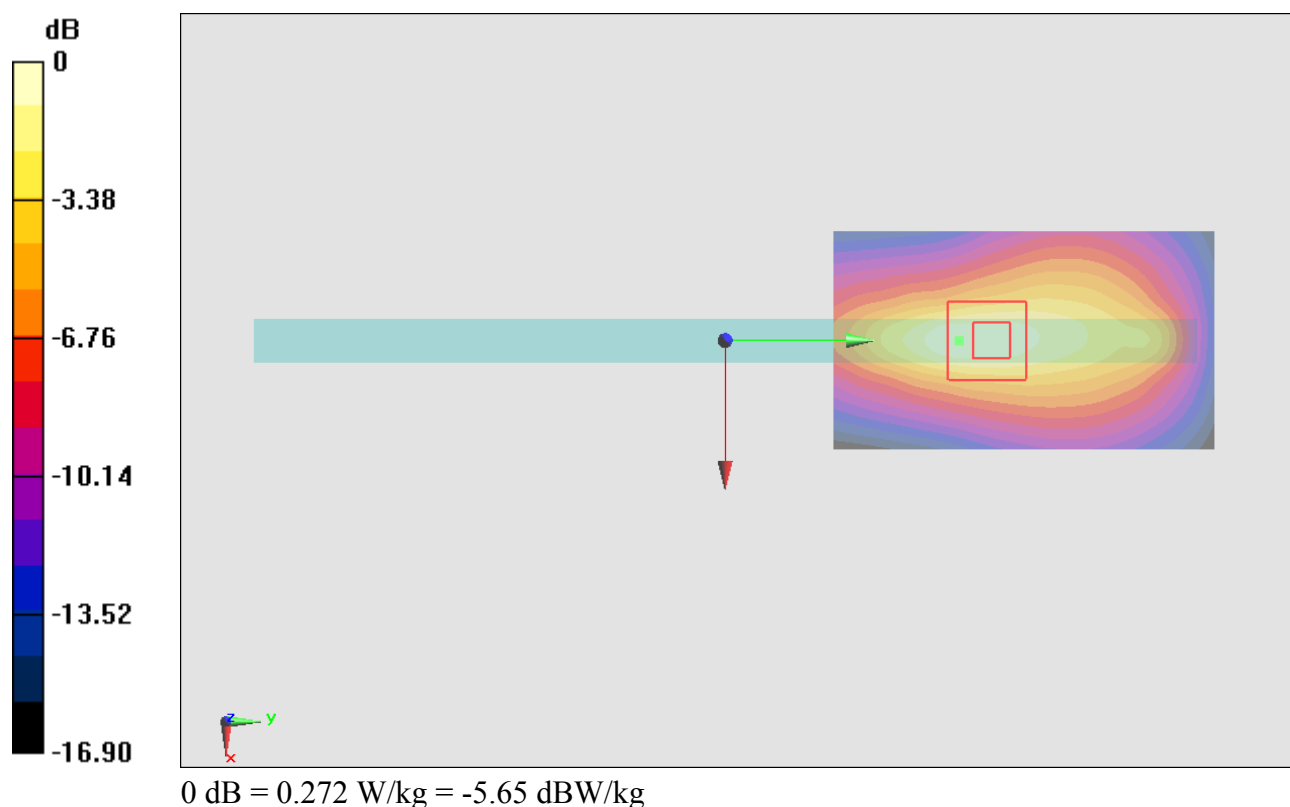
DUT: 2O2430

Communication System: LTE; Frequency: 844 MHz; Duty Cycle: 1:1

Medium: MSL_850_121121 Medium parameters used: $f = 844$ MHz; $\sigma = 0.977$ mho/m; $\epsilon_r = 54.521$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.8°C ; Liquid Temperature : 21.8°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch20600/Area Scan (41x71x1): Measurement grid: $dx=15$ mm, $dy=15$ mmReference Value = 16.91 V/m ; Power Drift = -0.08 dB **Fast SAR: SAR(1 g) = 0.228 W/kg ; SAR(10 g) = 0.131 W/kg** Maximum value of SAR (interpolated) = 0.272 W/kg 

#118_LTE Band 5_10M_QPSK 1RB 0offset_Edge1_0cm_Ch20450_Curve SAR**DUT: 2O2430**

Communication System: LTE; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: MSL_850_121121 Medium parameters used: $f = 829$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.659$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.8°C ; Liquid Temperature : 21.8°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch20450/Area Scan (41x101x1): Measurement grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$
Maximum value of SAR (interpolated) = 0.755 W/kg

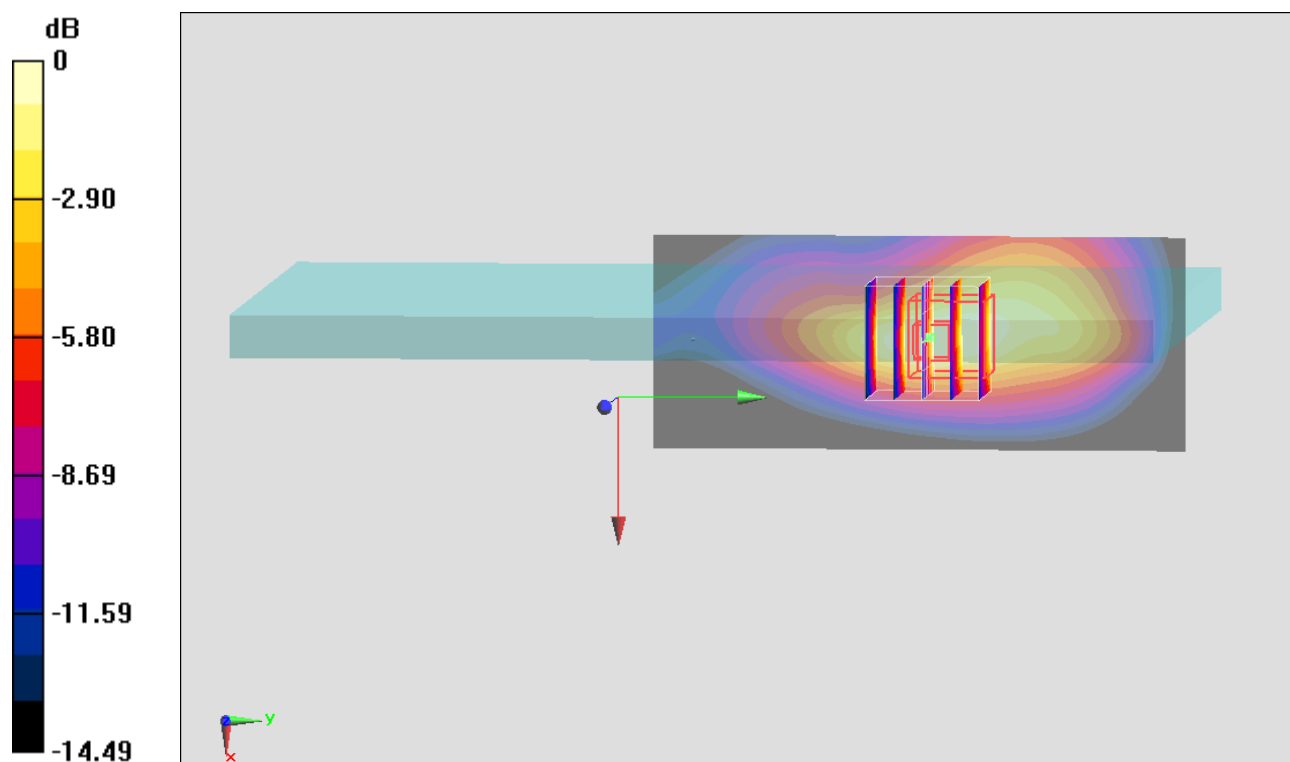
Configuration/Ch20450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 28.593 V/m ; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.600 W/kg ; SAR(10 g) = 0.336 W/kg

Maximum value of SAR (measured) = 0.663 W/kg



0 dB = $0.663 \text{ W/kg} = -1.78 \text{ dBW/kg}$

#118_LTE Band 5_10M_QPSK 1RB 0offset_Edge1_0cm_Ch20450_Curve SAR_2D**DUT: 202430**

Communication System: LTE; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: MSL_850_121121 Medium parameters used: $f = 829$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.659$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.8°C ; Liquid Temperature : 21.8°C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1127
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch20450/Area Scan (41x101x1): Measurement grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$
Maximum value of SAR (interpolated) = 0.755 W/kg

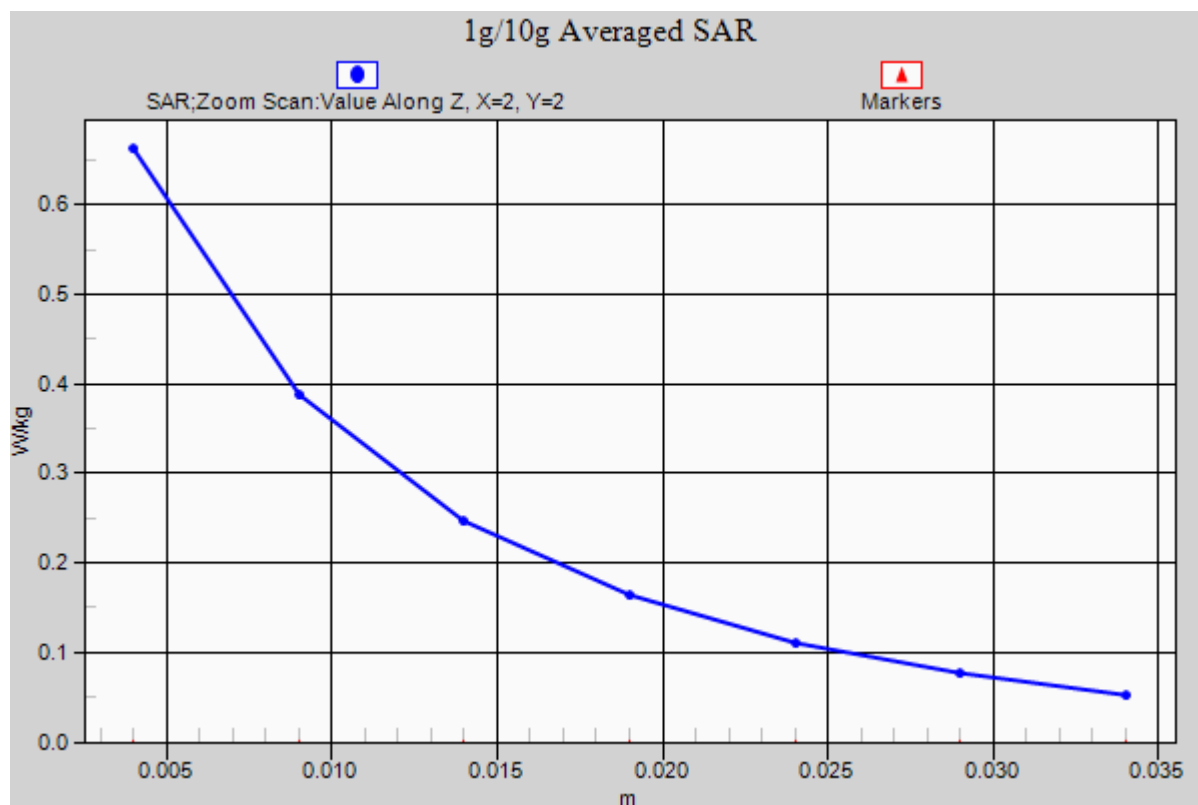
Configuration/Ch20450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 28.593 V/m ; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.600 W/kg ; SAR(10 g) = 0.336 W/kg

Maximum value of SAR (measured) = 0.663 W/kg



#148_LTE Band 4_10M_QPSK 1RB 49offset_Bottom Face_1.4cm_Ch20175**DUT: 2O2430**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121120 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.489$ mho/m; $\epsilon_r = 52.374$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

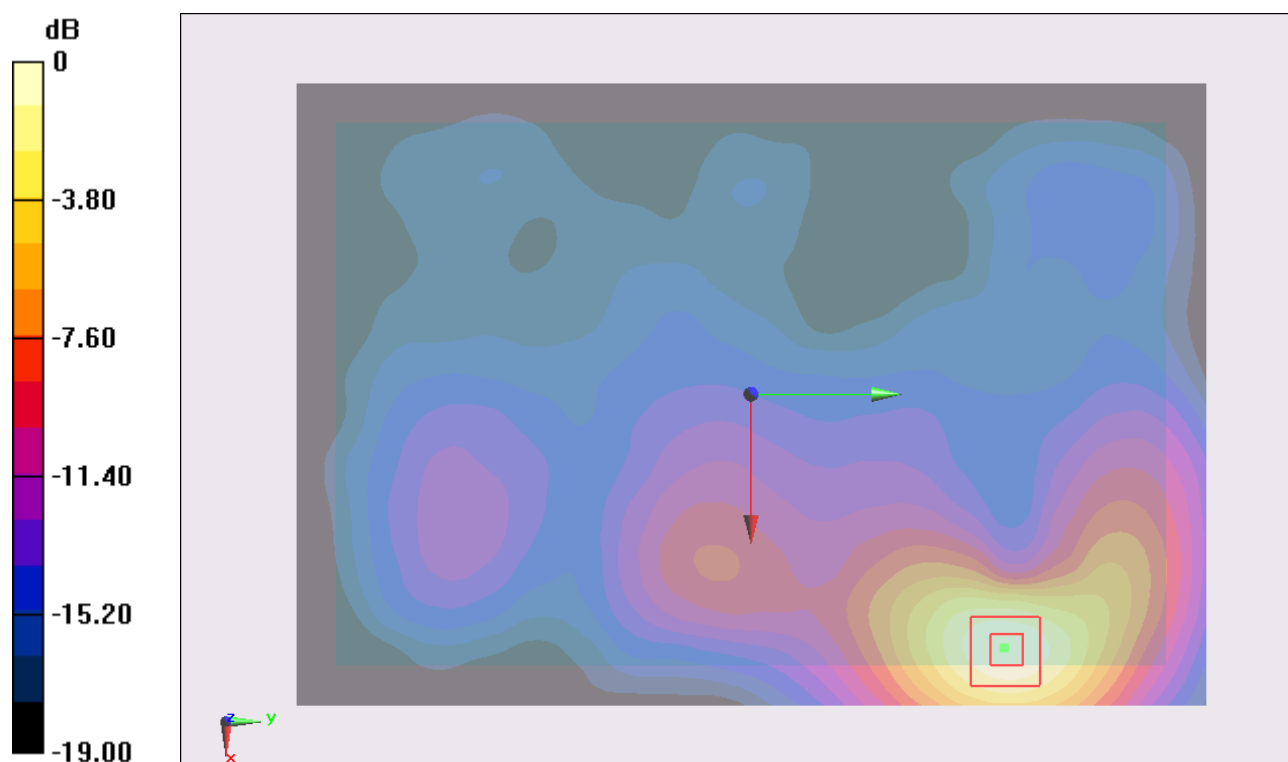
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20175/Area Scan (131x191x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 18.651 V/m; Power Drift = 0.01 dB

Fast SAR: SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.186 W/kg

Maximum value of SAR (interpolated) = 0.436 W/kg



0 dB = 0.436 W/kg = -3.61 dBW/kg

#149_LTE Band 4_10M_QPSK 25RB 24offset_Bottom Face_1.4cm_Ch20000**DUT: 202430**

Communication System: LTE; Frequency: 1715 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121120 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.459$ mho/m; $\epsilon_r = 52.502$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

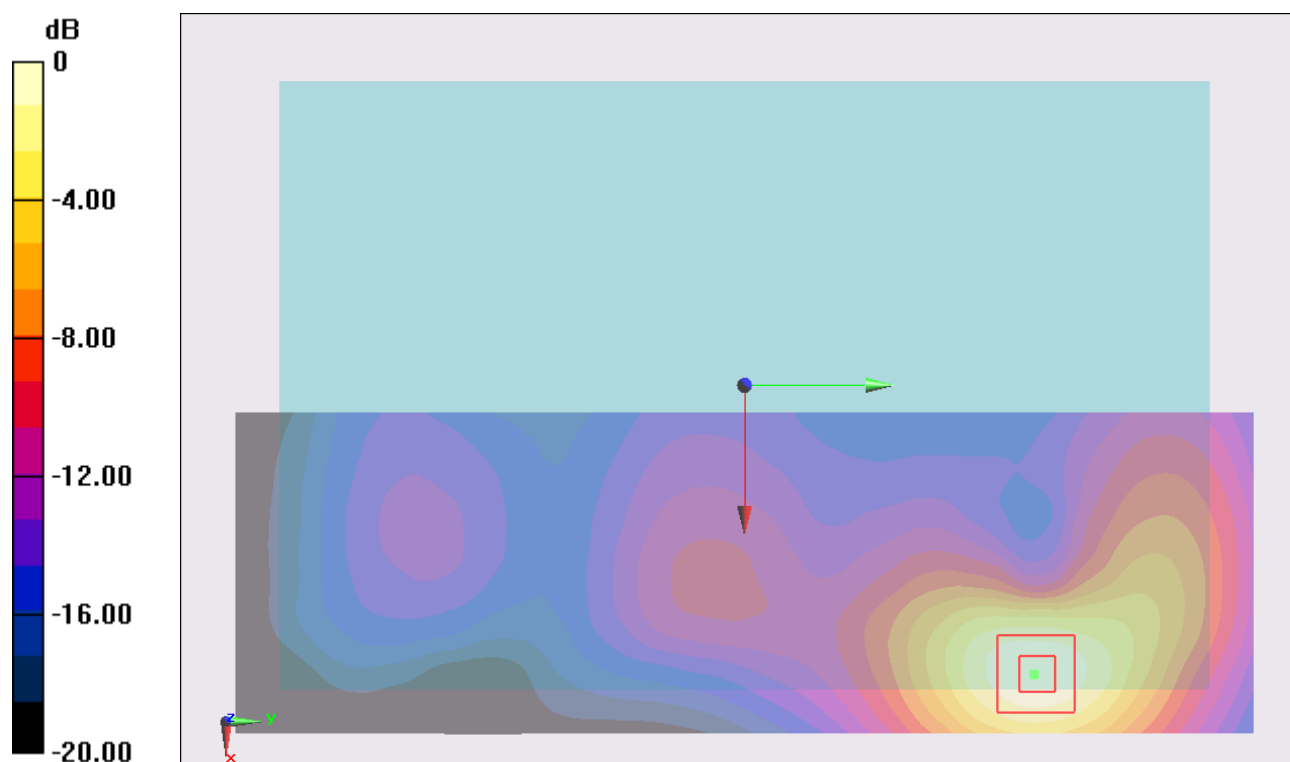
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20000/Area Scan (61x191x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 17.589 V/m; Power Drift = 0.04 dB

Fast SAR: SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.170 W/kg

Maximum value of SAR (interpolated) = 0.388 W/kg



#139_LTE Band 4_10M_QPSK 1RB 49offset_Edge1_1.1cm_Ch20175**DUT: 2O2430**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121120 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.489$ mho/m; $\epsilon_r = 52.374$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

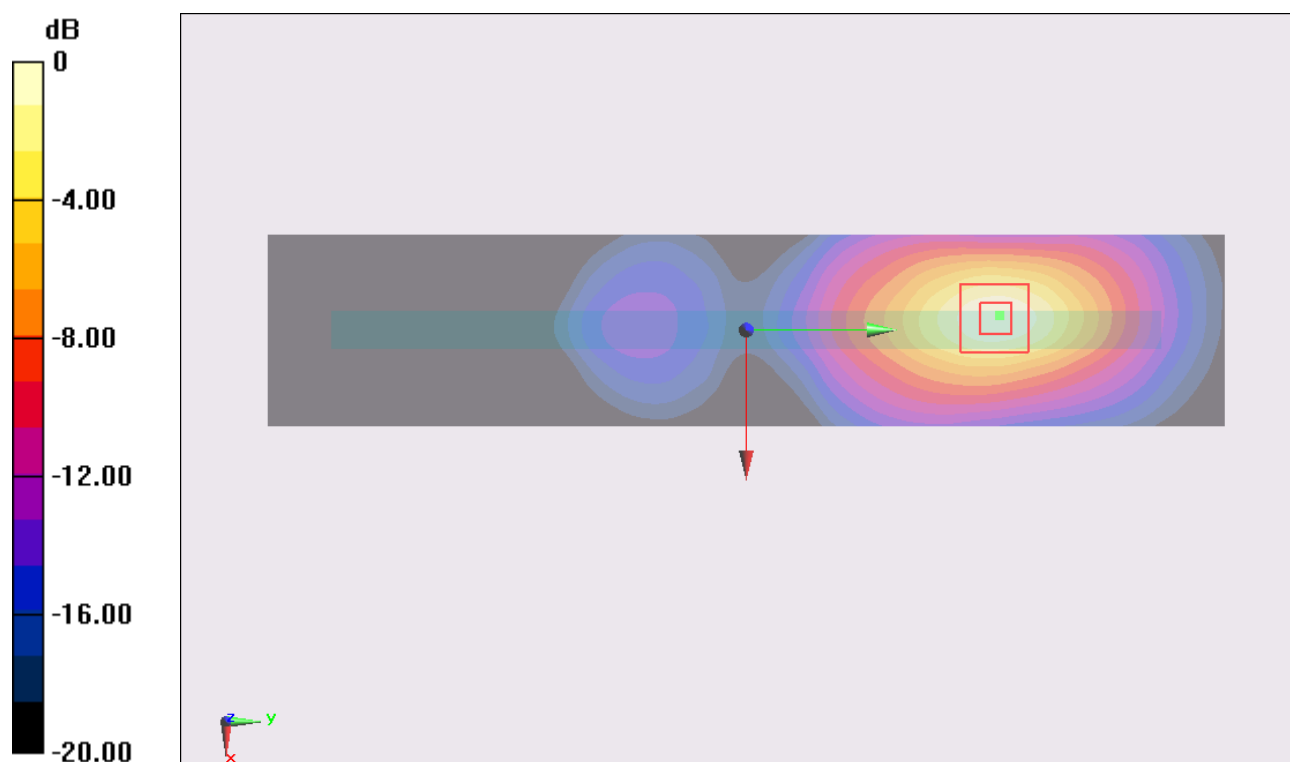
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20175/Area Scan (41x201x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 33.206 V/m; Power Drift = 0.13 dB

Fast SAR: SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.552 W/kg

Maximum value of SAR (interpolated) = 1.42 W/kg



#140_LTE Band 4_10M_QPSK 1RB 49offset_Edge1_1.1cm_Ch20000**DUT: 2O2430**

Communication System: LTE; Frequency: 1715 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121120 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.459$ mho/m; $\epsilon_r = 52.502$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

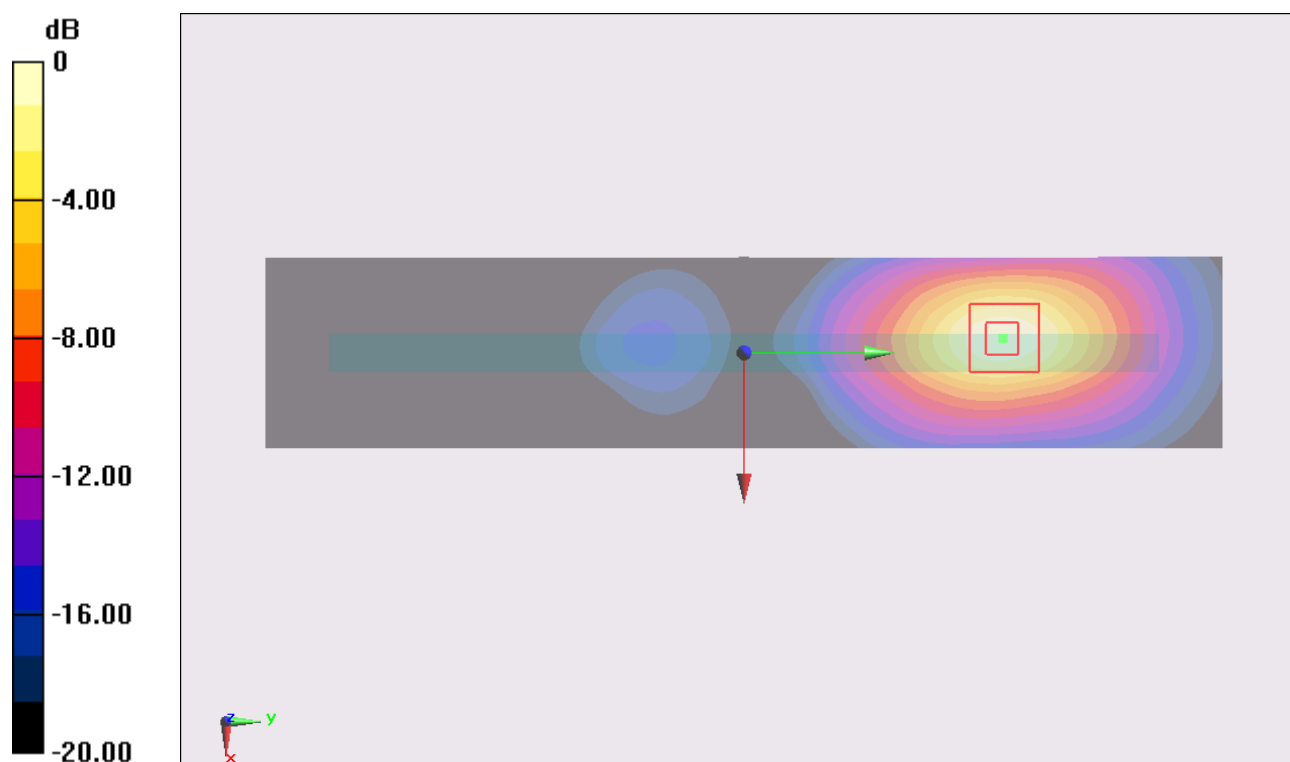
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20000/Area Scan (41x201x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 32.803 V/m; Power Drift = -0.09 dB

Fast SAR: SAR(1 g) = 0.946 W/kg; SAR(10 g) = 0.514 W/kg

Maximum value of SAR (interpolated) = 1.34 W/kg



#141_LTE Band 4_10M_QPSK 1RB 49offset_Edge1_1.1cm_Ch20350**DUT: 2O2430**

Communication System: LTE; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121120 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.515$ mho/m; $\epsilon_r = 52.41$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

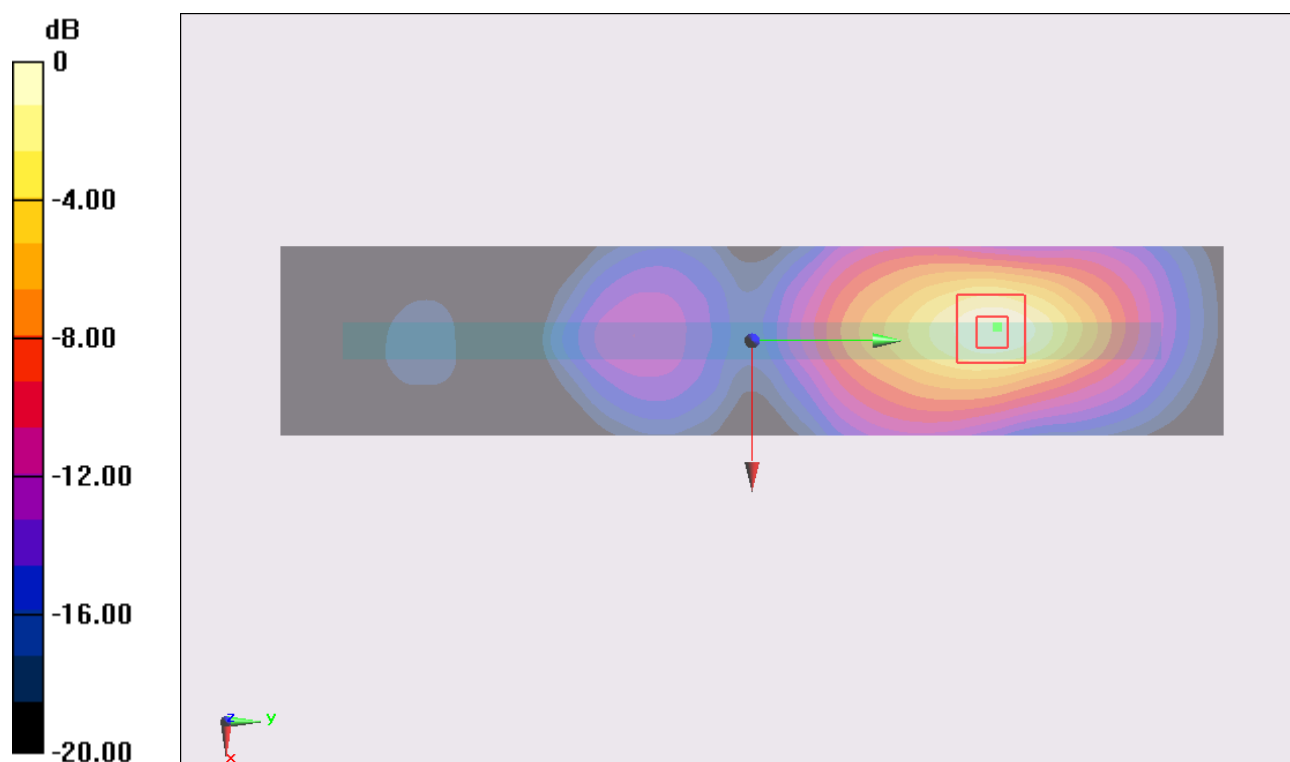
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20350/Area Scan (41x201x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 32.814 V/m; Power Drift = -0.02 dB

Fast SAR: SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.550 W/kg

Maximum value of SAR (interpolated) = 1.40 W/kg



#142_LTE Band 4_10M_QPSK 25RB 24offset_Edge1_1.1cm_Ch20000**DUT: 2O2430**

Communication System: LTE; Frequency: 1715 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121120 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.459$ mho/m; $\epsilon_r = 52.502$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

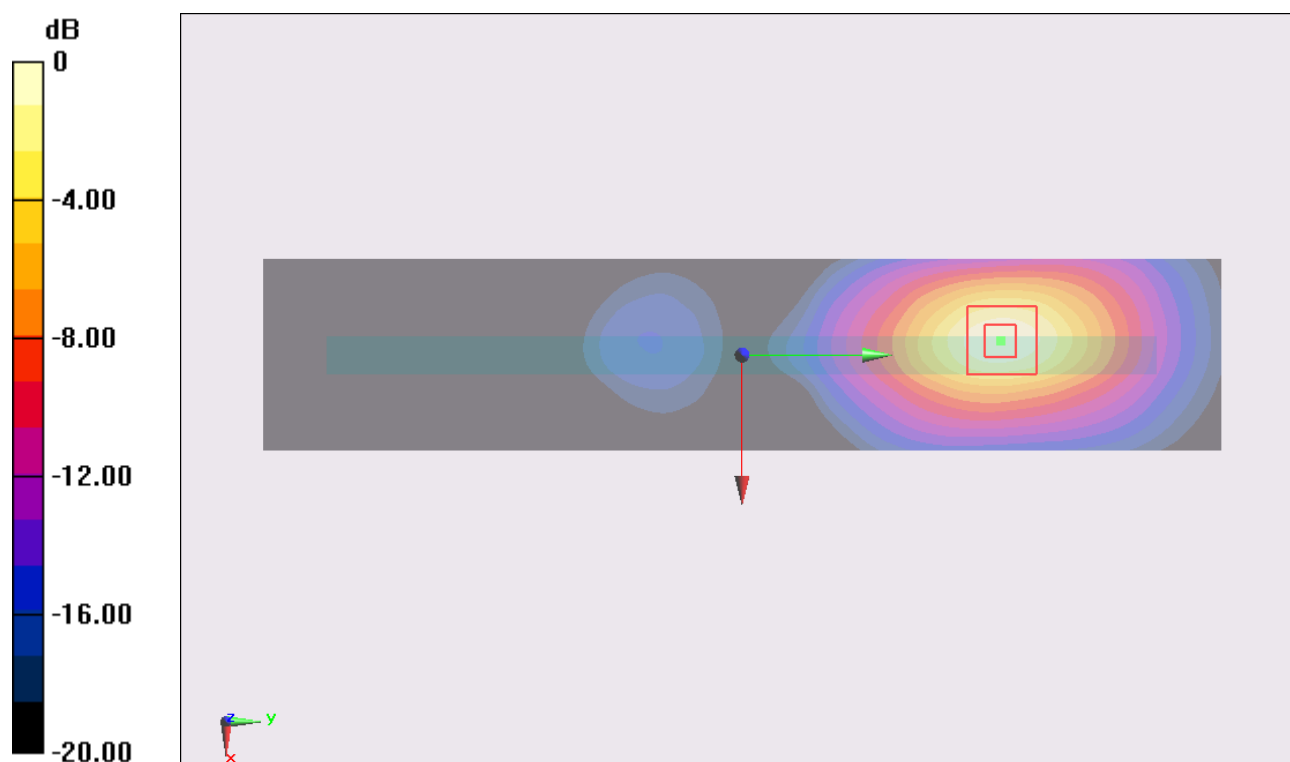
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20000/Area Scan (41x201x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 29.615 V/m; Power Drift = -0.02 dB

Fast SAR: SAR(1 g) = 0.785 W/kg; SAR(10 g) = 0.427 W/kg

Maximum value of SAR (interpolated) = 1.11 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg

#143_LTE Band 4_10M_QPSK 25RB 24offset_Edge1_1.1cm_Ch20175**DUT: 2O2430**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121120 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.489$ mho/m; $\epsilon_r = 52.374$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

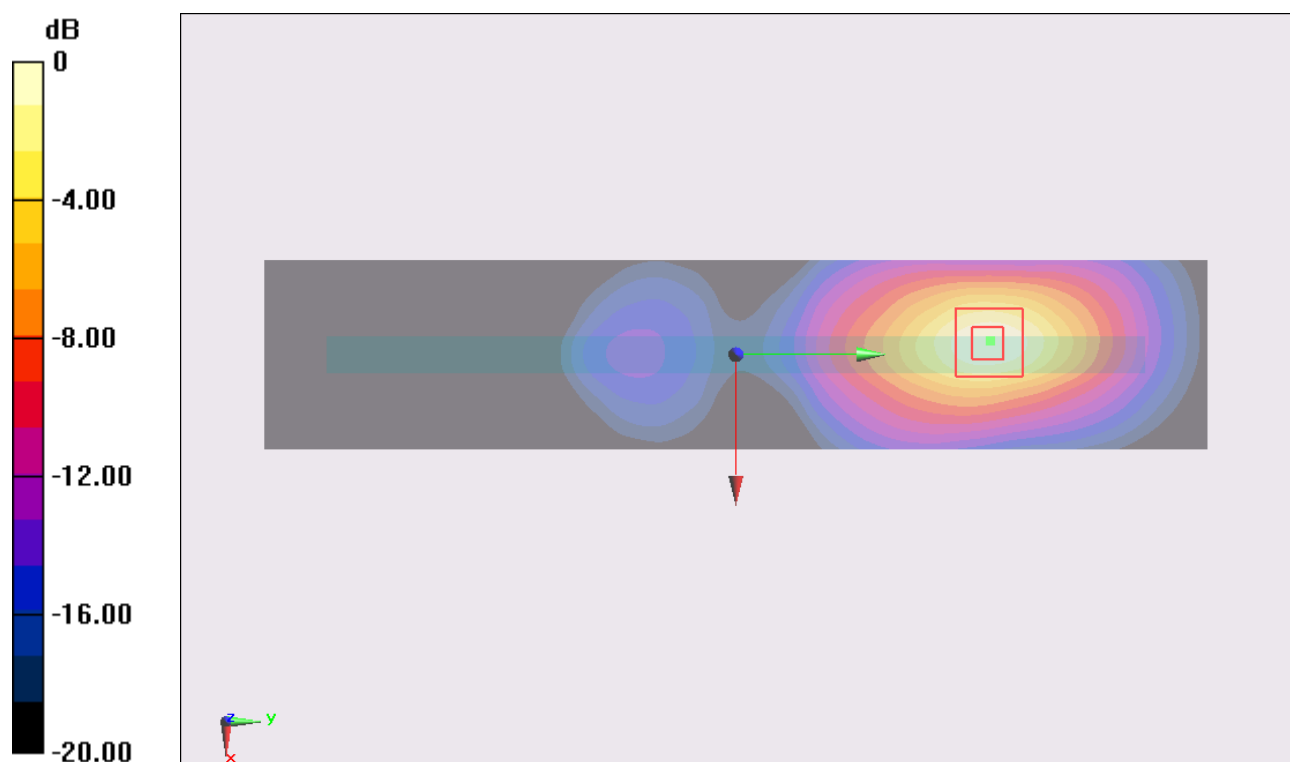
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20175/Area Scan (41x201x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 30.243 V/m; Power Drift = -0.05 dB

Fast SAR: SAR(1 g) = 0.826 W/kg; SAR(10 g) = 0.445 W/kg

Maximum value of SAR (interpolated) = 1.17 W/kg



#144_LTE Band 4_10M_QPSK 25RB 24offset_Edge1_1.1cm_Ch20350**DUT: 2O2430**

Communication System: LTE; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121120 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.515$ mho/m; $\epsilon_r = 52.41$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.6°C ; Liquid Temperature : 21.6°C

DASY5 Configuration:

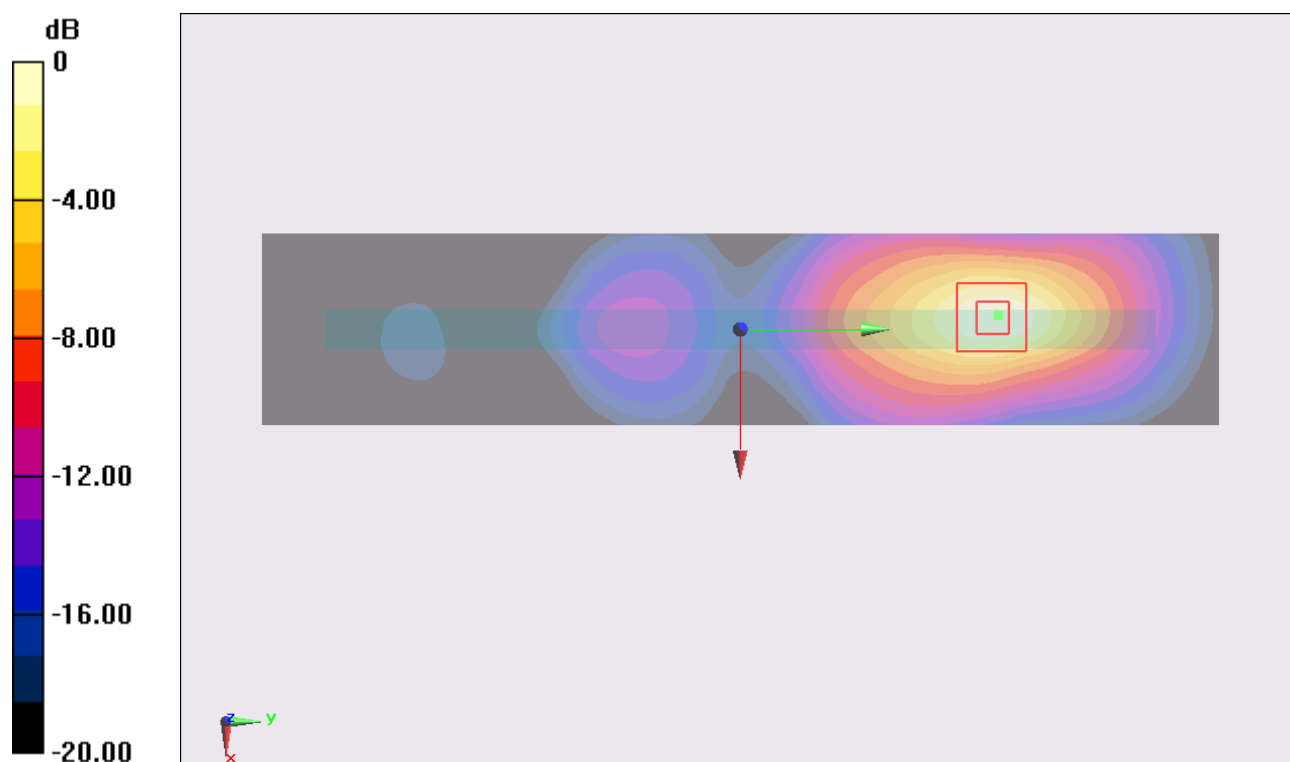
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20350/Area Scan (41x201x1): Measurement grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Reference Value = 33.509 V/m ; Power Drift = -0.067 dB

Fast SAR: SAR(1 g) = 1.05 W/kg ; SAR(10 g) = 0.565 W/kg

Maximum value of SAR (interpolated) = 1.47 W/kg



#145_LTE Band 4_10M_QPSK 50RB 0offset_Edge1_1.1cm_Ch20000**DUT: 2O2430**

Communication System: LTE; Frequency: 1715 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121120 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.459$ mho/m; $\epsilon_r = 52.502$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

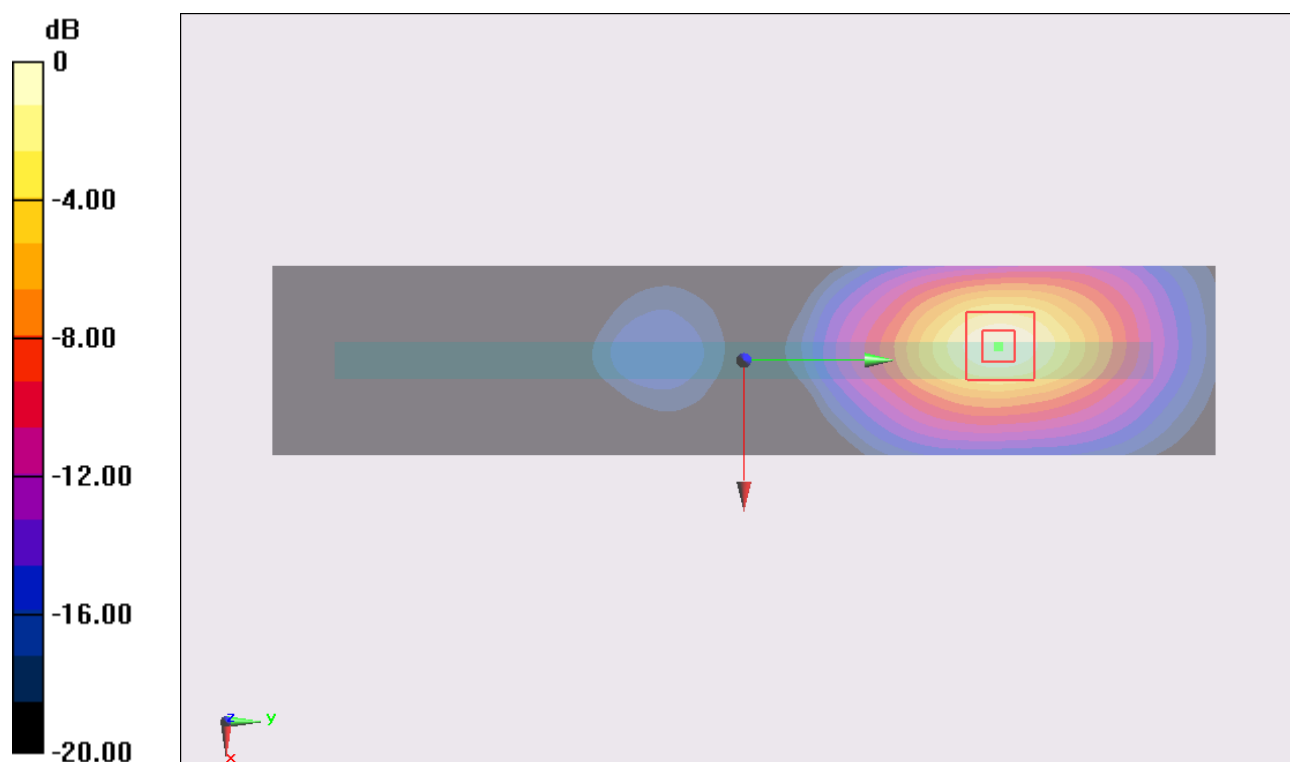
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20000/Area Scan (41x201x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 30.667 V/m; Power Drift = -0.07 dB

Fast SAR: SAR(1 g) = 0.831 W/kg; SAR(10 g) = 0.452 W/kg

Maximum value of SAR (interpolated) = 1.18 W/kg



#146_LTE Band 4_10M_QPSK 1RB 49offset_Edge2_0cm_Ch20175

DUT: 2O2430

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121120 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.489$ mho/m; $\epsilon_r = 52.374$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

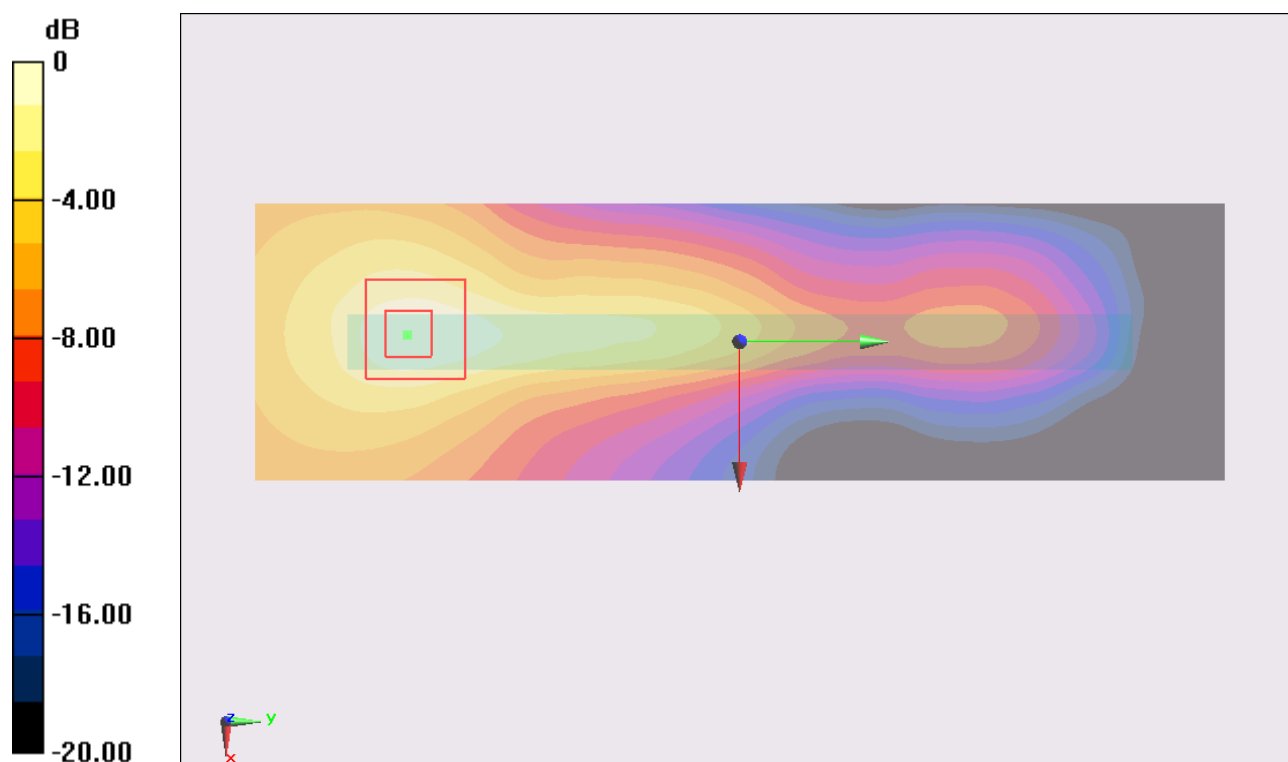
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20175/Area Scan (41x141x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 15.036 V/m; Power Drift = -0.043 dB

Fast SAR: SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.099 W/kg

Maximum value of SAR (interpolated) = 0.245 W/kg



0 dB = 0.245 W/kg = -6.11 dBW/kg

#147_LTE Band 4_10M_QPSK 25RB 24offset_Edge2_0cm_Ch20000**DUT: 2O2430**

Communication System: LTE; Frequency: 1715 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121120 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.459$ mho/m; $\epsilon_r = 52.502$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

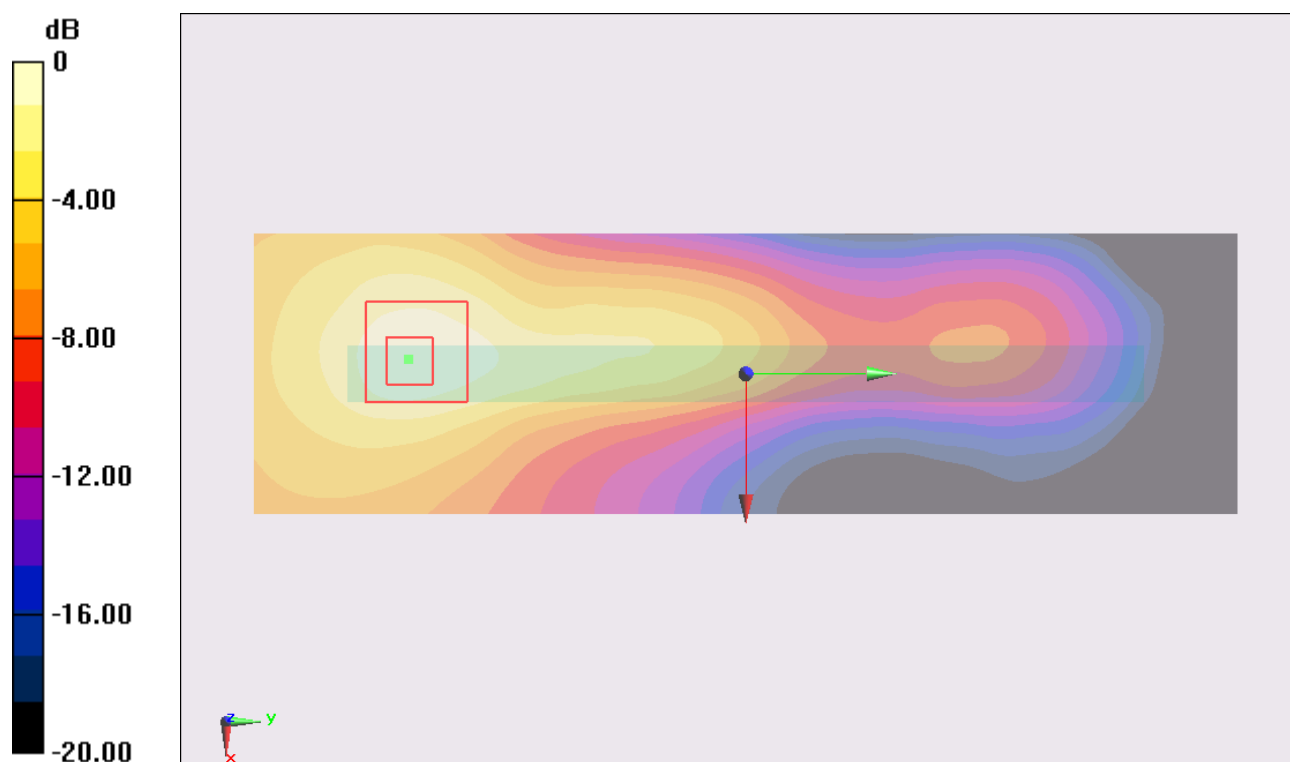
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20000/Area Scan (41x141x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 12.113 V/m; Power Drift = -0.023 dB

Fast SAR: SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.069 W/kg

Maximum value of SAR (interpolated) = 0.161 W/kg



0 dB = 0.161 W/kg = -7.93 dBW/kg

#157_LTE Band 4_10M_QPSK 1RB 49offset_Bottom Face_0cm_Ch20350**DUT: 202430**

Communication System: LTE; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121120 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.515$ mho/m; $\epsilon_r = 52.41$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

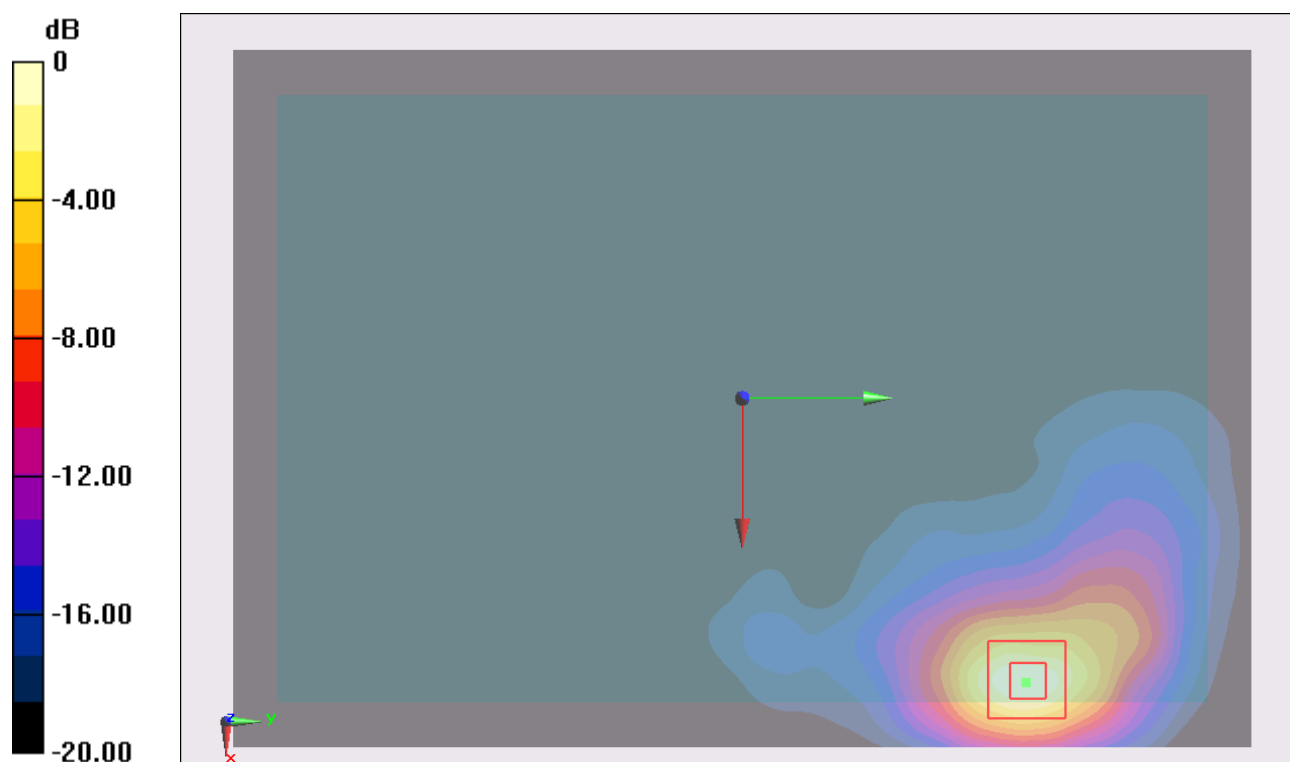
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20350/Area Scan (131x191x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 26.710 V/m; Power Drift = -0.08 dB

Fast SAR: SAR(1 g) = 0.560 W/kg; SAR(10 g) = 0.271 W/kg

Maximum value of SAR (interpolated) = 0.838 W/kg



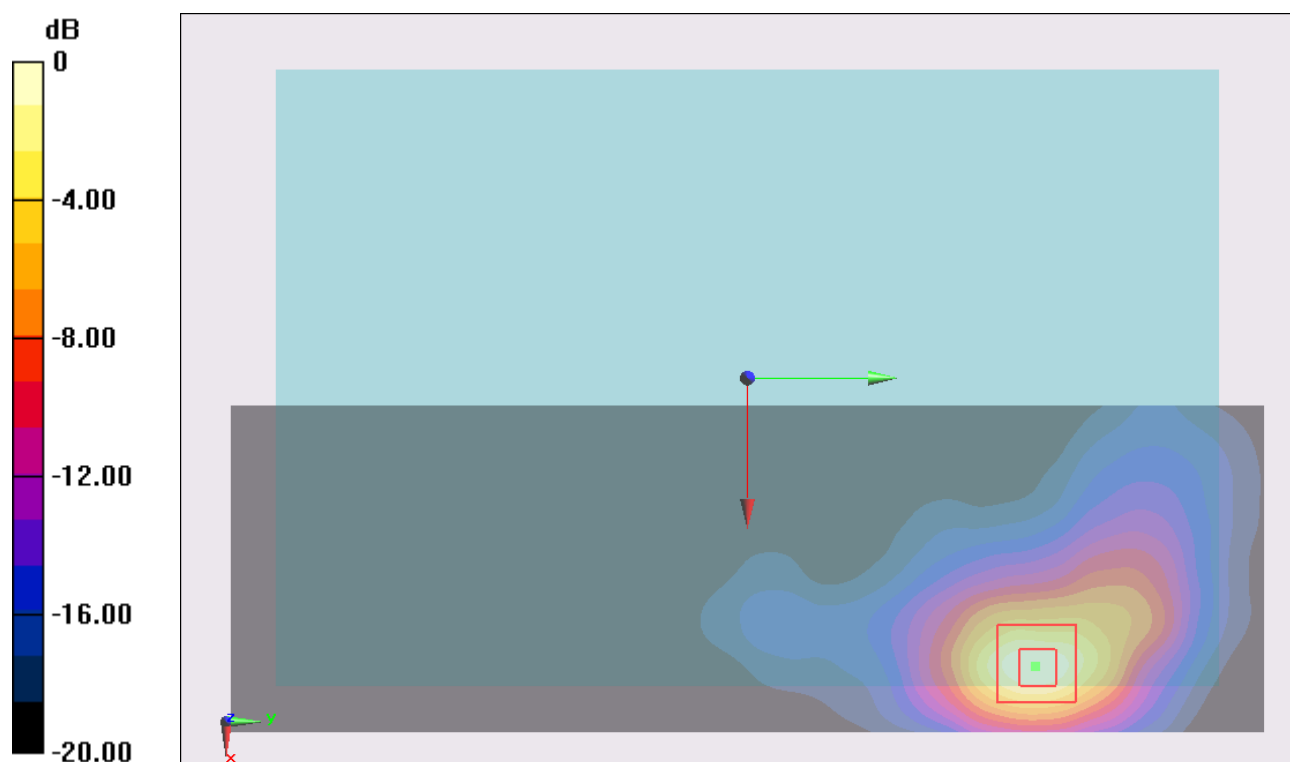
0 dB = 0.838 W/kg = -0.77 dBW/kg

#158_LTE Band 4_10M_QPSK 25RB 0offset_Bottom Face_0cm_Ch20350**DUT: 202430**

Communication System: LTE; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121120 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.515$ mho/m; $\epsilon_r = 52.41$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.6°C ; Liquid Temperature : 21.6°C **DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20350/Area Scan (61x191x1): Measurement grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$ Reference Value = 26.841 V/m ; Power Drift = 0.08 dB **Fast SAR: SAR(1 g) = 0.581 W/kg ; SAR(10 g) = 0.277 W/kg** Maximum value of SAR (interpolated) = 0.867 W/kg  $0 \text{ dB} = 0.867 \text{ W/kg} = -0.62 \text{ dBW/kg}$

#150_LTE Band 4_10M_QPSK 1RB 49offset_Edge1_0cm_Ch20350**DUT: 2O2430**

Communication System: LTE; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121120 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.515$ mho/m; $\epsilon_r = 52.41$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

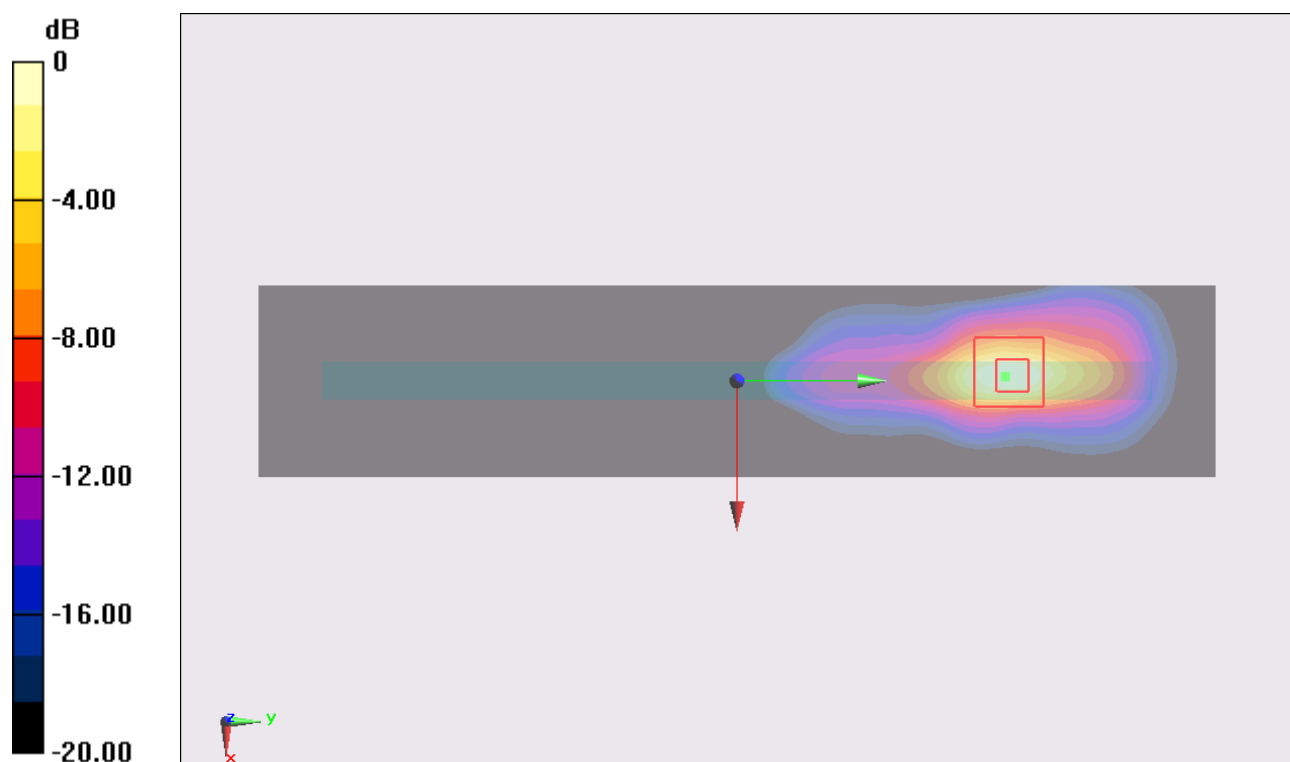
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20350/Area Scan (41x201x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 37.995 V/m; Power Drift = -0.04 dB

Fast SAR: SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.485 W/kg

Maximum value of SAR (interpolated) = 1.79 W/kg



#151_LTE Band 4_10M_QPSK 1RB 49offset_Edge1_0cm_Ch20000**DUT: 2O2430**

Communication System: LTE; Frequency: 1715 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121120 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.459$ mho/m; $\epsilon_r = 52.502$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20000/Area Scan (41x201x1): Measurement grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.00 W/kg

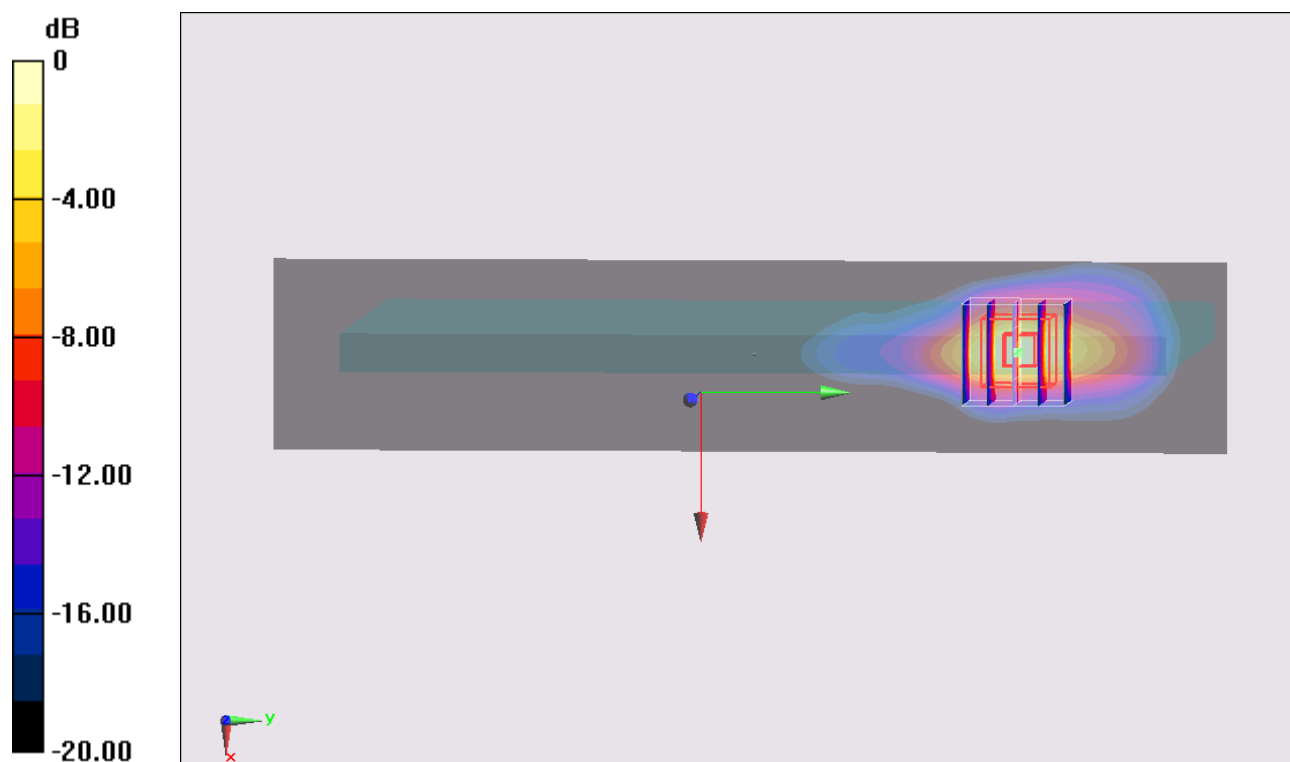
Configuration/Ch20000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 40.390 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.88 W/kg

SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.541 W/kg

Maximum value of SAR (measured) = 2.04 W/kg



0 dB = 2.04 W/kg = 3.10 dBW/kg

#152_LTE Band 4_10M_QPSK 1RB 49offset_Edge1_0cm_Ch20175**DUT: 2O2430**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121120 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.489$ mho/m; $\epsilon_r = 52.374$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

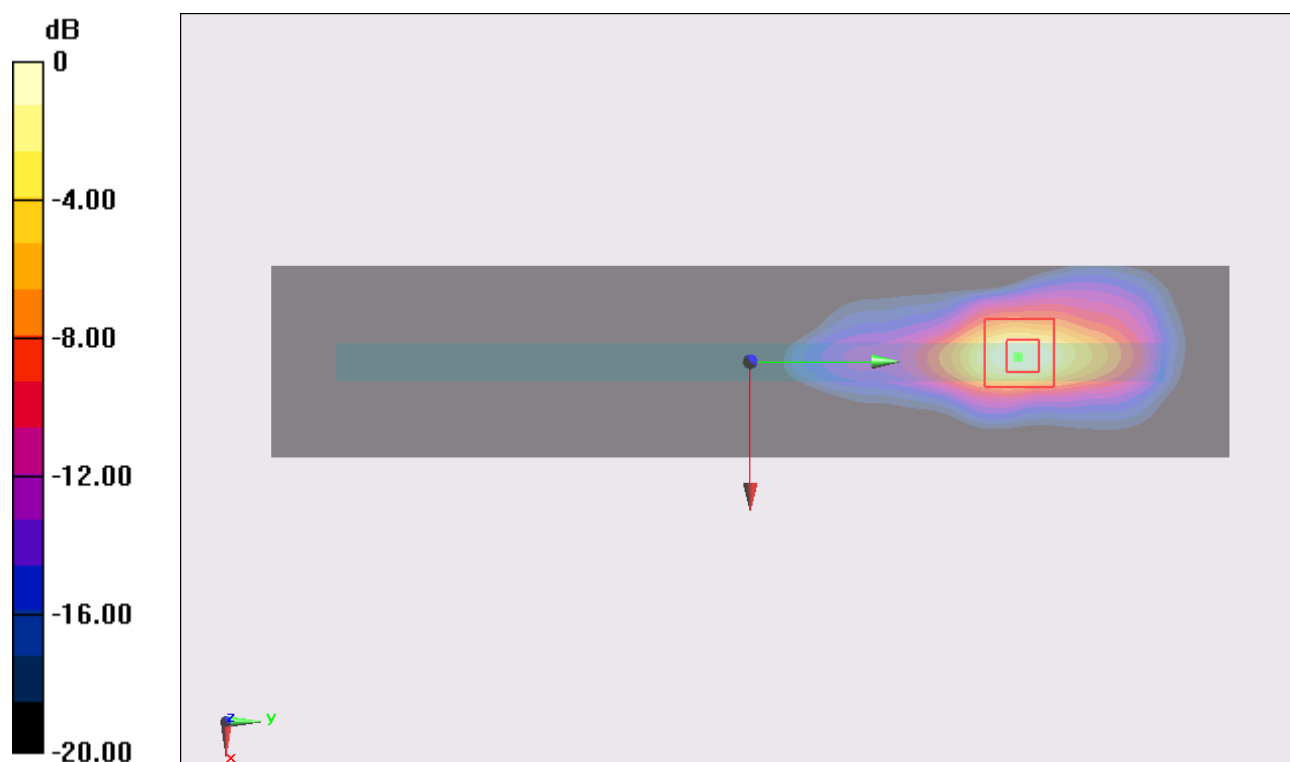
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20175/Area Scan (41x201x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 37.107 V/m; Power Drift = 0.03 dB

Fast SAR: SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.468 W/kg

Maximum value of SAR (interpolated) = 1.74 W/kg



#153_LTE Band 4_10M_QPSK 25RB 0offset_Edge1_0cm_Ch20350**DUT: 2O2430**

Communication System: LTE; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121120 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.515$ mho/m; $\epsilon_r = 52.41$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

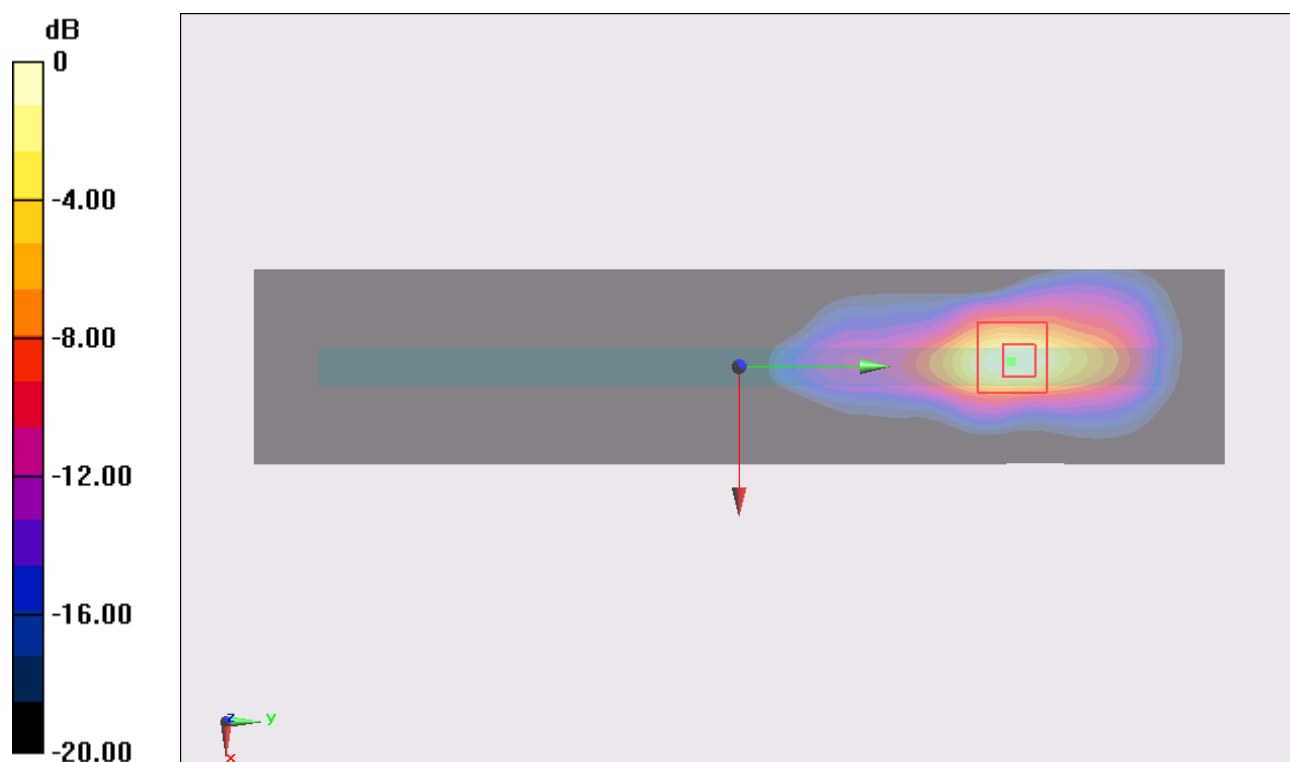
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20350/Area Scan (41x201x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 37.111 V/m; Power Drift = -0.00 dB

Fast SAR: SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.466 W/kg

Maximum value of SAR (interpolated) = 1.75 W/kg



0 dB = 1.75 W/kg = 2.43 dBW/kg

#154_LTE Band 4_10M_QPSK 25RB 0offset_Edge1_0cm_Ch20000**DUT: 2O2430**

Communication System: LTE; Frequency: 1715 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121120 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.459$ mho/m; $\epsilon_r = 52.502$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

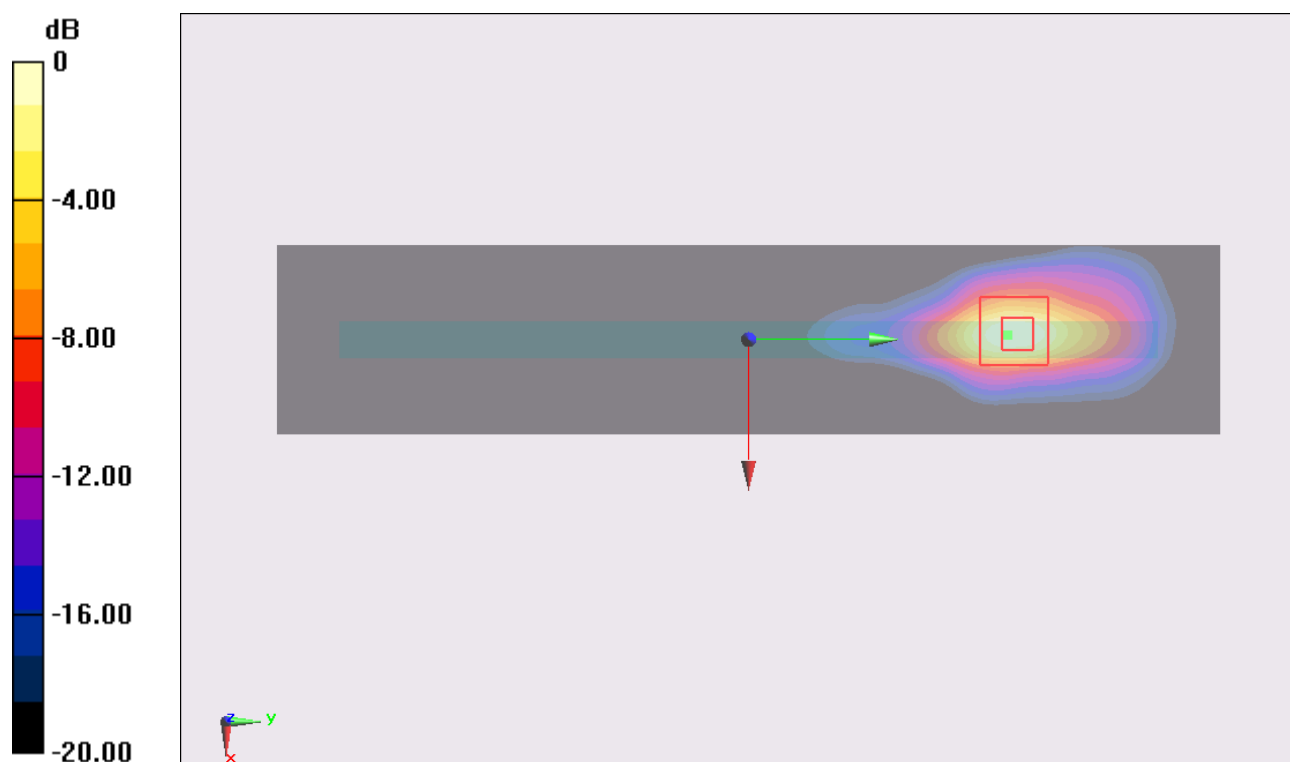
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20000/Area Scan (41x201x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 34.845 V/m; Power Drift = 0.09 dB

Fast SAR: SAR(1 g) = 0.972 W/kg; SAR(10 g) = 0.428 W/kg

Maximum value of SAR (interpolated) = 1.59 W/kg



0 dB = 1.59 W/kg = 2.01 dBW/kg

#155_LTE Band 4_10M_QPSK 25RB 0offset_Edge1_0cm_Ch20175**DUT: 2O2430**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121120 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.489$ mho/m; $\epsilon_r = 52.374$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

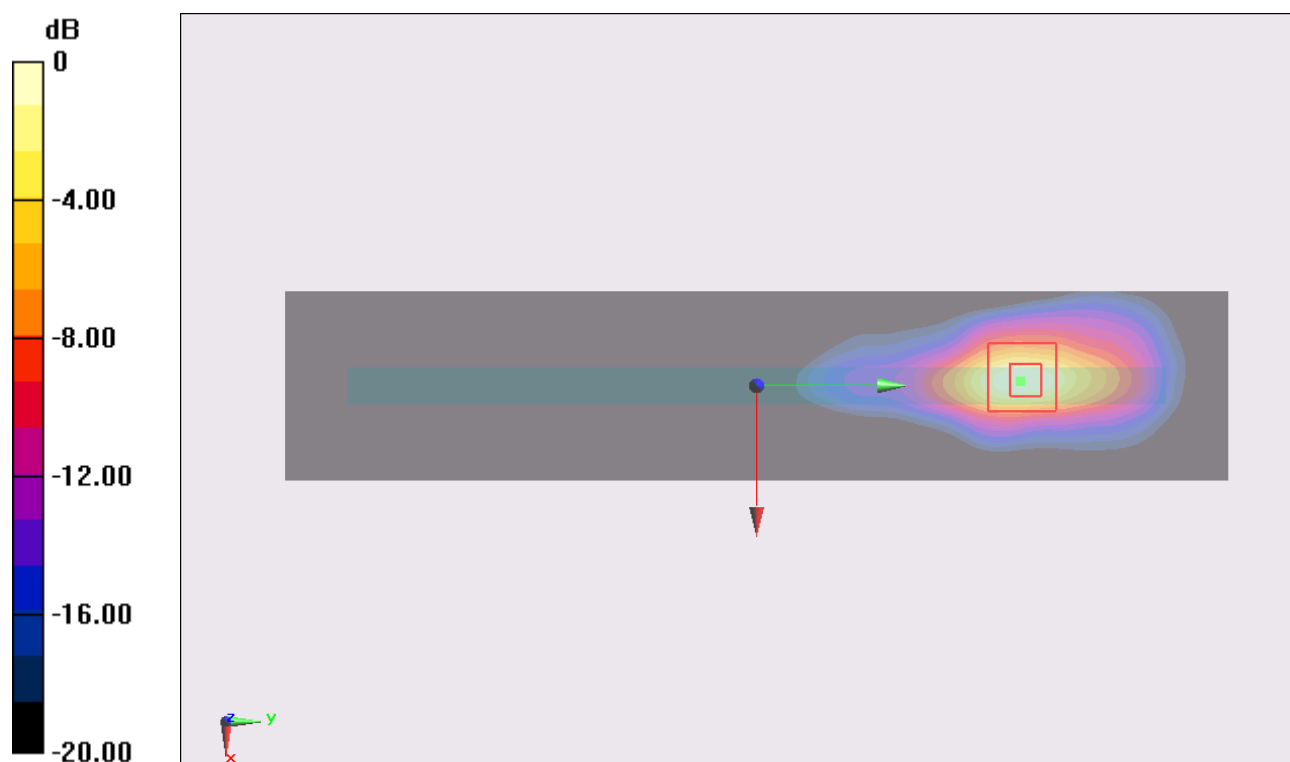
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20175/Area Scan (41x201x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 34.644 V/m; Power Drift = -0.12 dB

Fast SAR: SAR(1 g) = 0.893 W/kg; SAR(10 g) = 0.392 W/kg

Maximum value of SAR (interpolated) = 1.46 W/kg



#156_LTE Band 4_10M_QPSK 50RB 0offset_Edge1_0cm_Ch20350**DUT: 2O2430**

Communication System: LTE; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121120 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.515$ mho/m; $\epsilon_r = 52.41$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

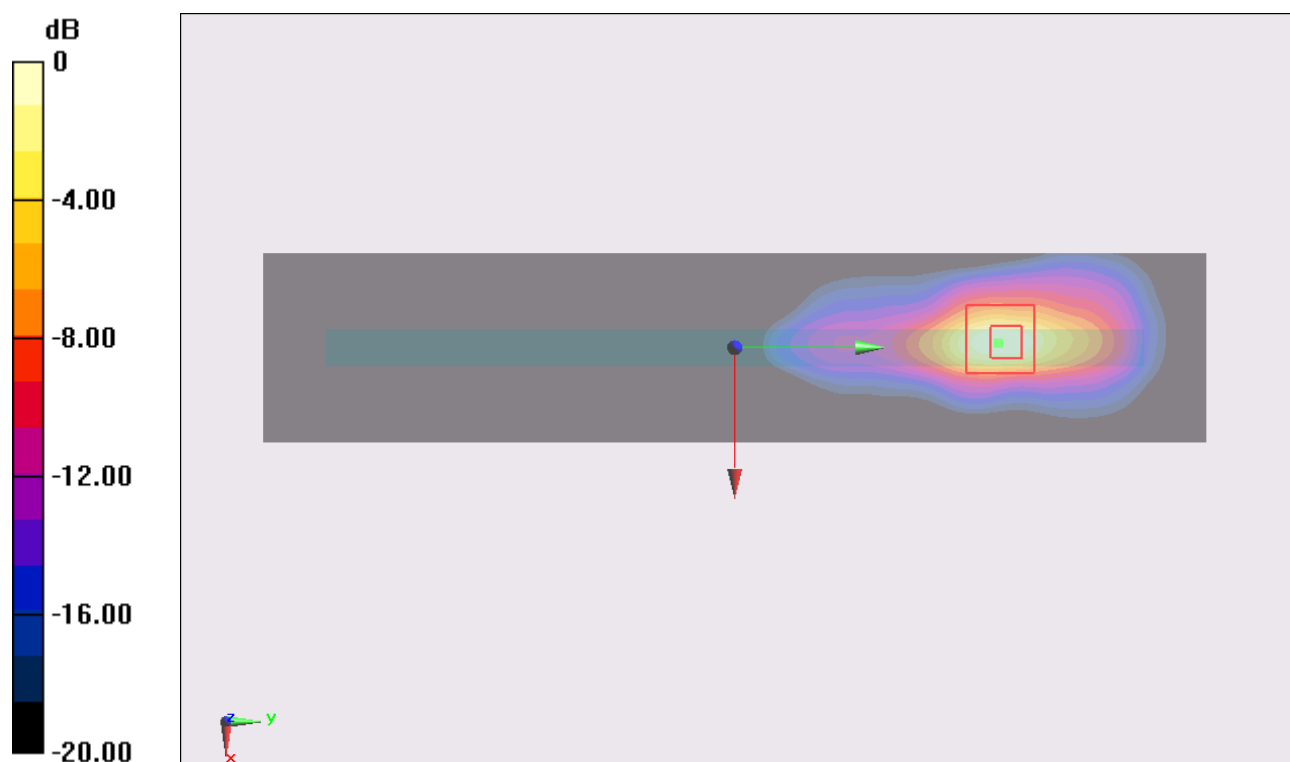
- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20350/Area Scan (41x201x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 37.321 V/m; Power Drift = 0.05 dB

Fast SAR: SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.470 W/kg

Maximum value of SAR (interpolated) = 1.76 W/kg



0 dB = 1.76 W/kg = 2.46 dBW/kg

#159_LTE Band 4_10M_QPSK 1RB 49offset_Edge1_0cm_Ch20350_Curve SAR**DUT: 2O2430**

Communication System: LTE; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121120 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.515$ mho/m; $\epsilon_r = 52.41$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.6°C ; Liquid Temperature : 21.6°C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20350/Area Scan (41x191x1): Measurement grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$
Maximum value of SAR (interpolated) = 2.03 W/kg

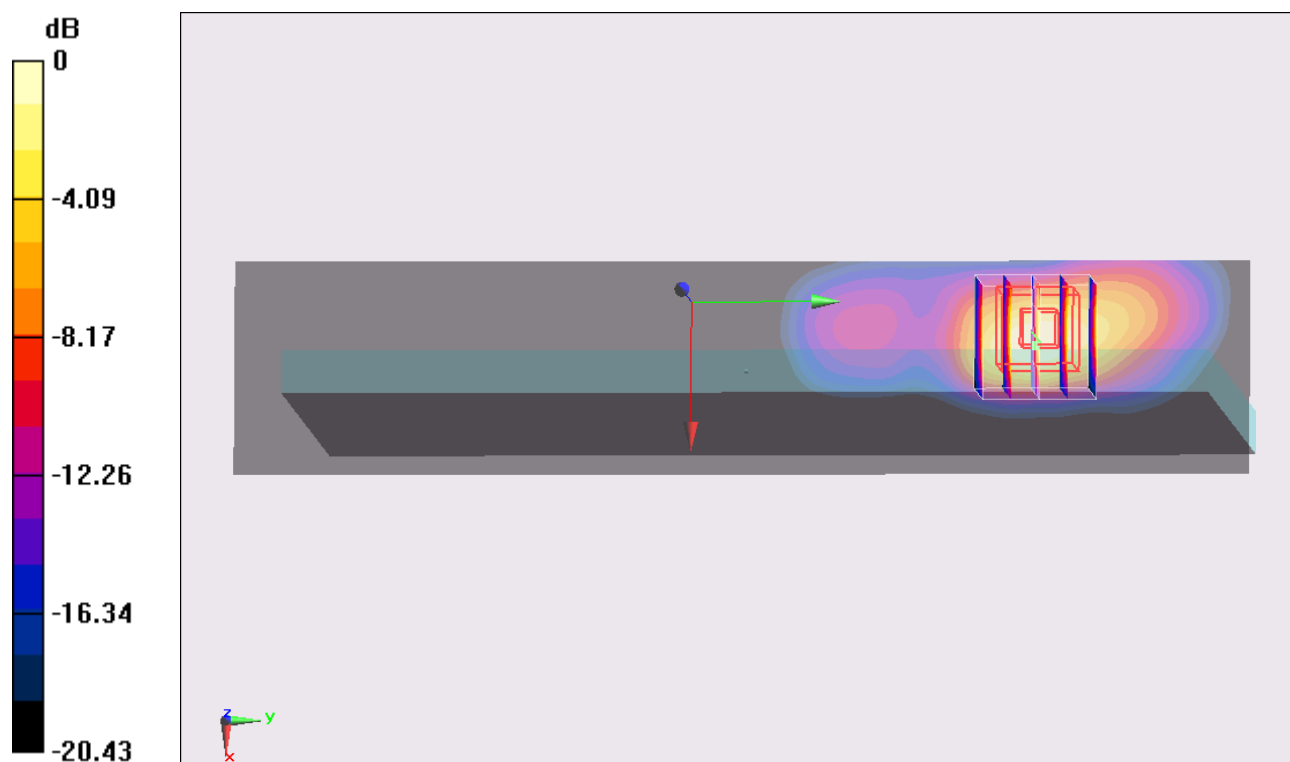
Configuration/Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 35.150 V/m ; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 3.13 W/kg

SAR(1 g) = 1.31 W/kg ; SAR(10 g) = 0.564 W/kg

Maximum value of SAR (measured) = 1.80 W/kg



0 dB = $1.80 \text{ W/kg} = 2.55 \text{ dBW/kg}$

#159_LTE Band 4_10M_QPSK 1RB 49offset_Edge1_0cm_Ch20350_Curve SAR_2D**DUT: 2O2430**

Communication System: LTE; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121120 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.515$ mho/m; $\epsilon_r = 52.41$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20350/Area Scan (41x191x1): Measurement grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.03 W/kg

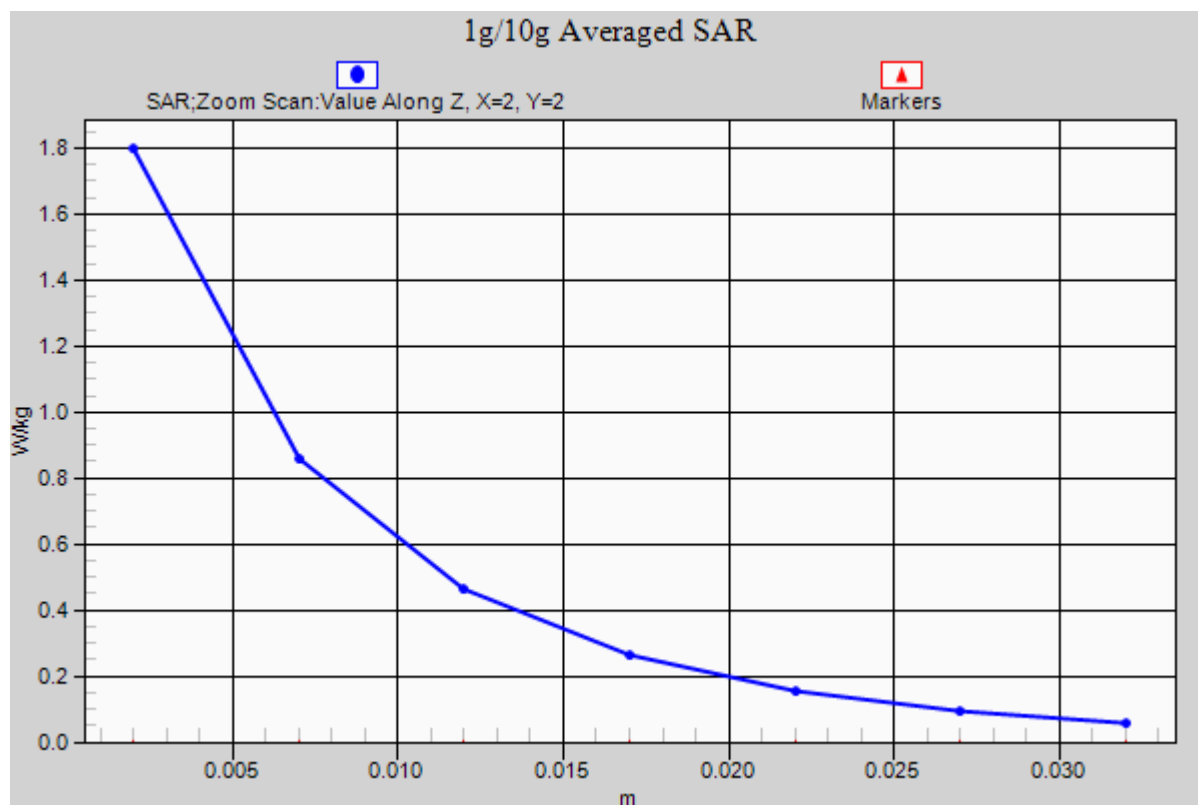
Configuration/Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.150 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 3.13 W/kg

SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.564 W/kg

Maximum value of SAR (measured) = 1.80 W/kg



**#170_LTE Band 4_10M_QPSK 1RB 49offset_Edge 1_0cm_Ch20350_Curve
SAR_Repeat****DUT: 202430**

Communication System: LTE; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121124 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.508$ mho/m; $\epsilon_r = 52.41$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

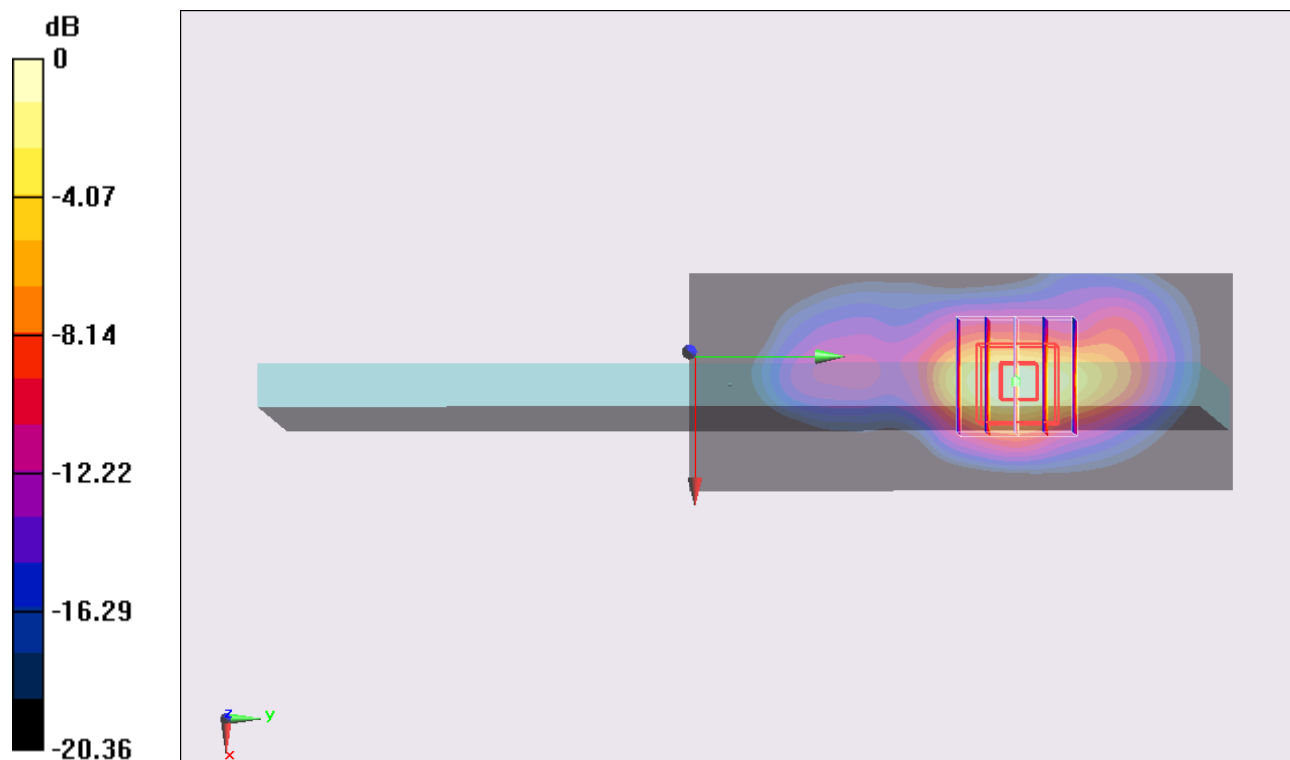
Configuration/Ch20350/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.52 W/kg**Configuration/Ch20350/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.997 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.35 W/kg

SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.582 W/kg

Maximum value of SAR (measured) = 1.55 W/kg



#160_LTE Band 4_10M_QPSK 1RB 49offset_Edge1_0cm_Ch20000_Curve SAR**DUT: 2o2430**

Communication System: LTE; Frequency: 1715 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121120 Medium parameters used: $f = 1715$ MHz; $\sigma = 1.459$ mho/m; $\epsilon_r = 52.502$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20000/Area Scan (41x191x1): Measurement grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.04 W/kg

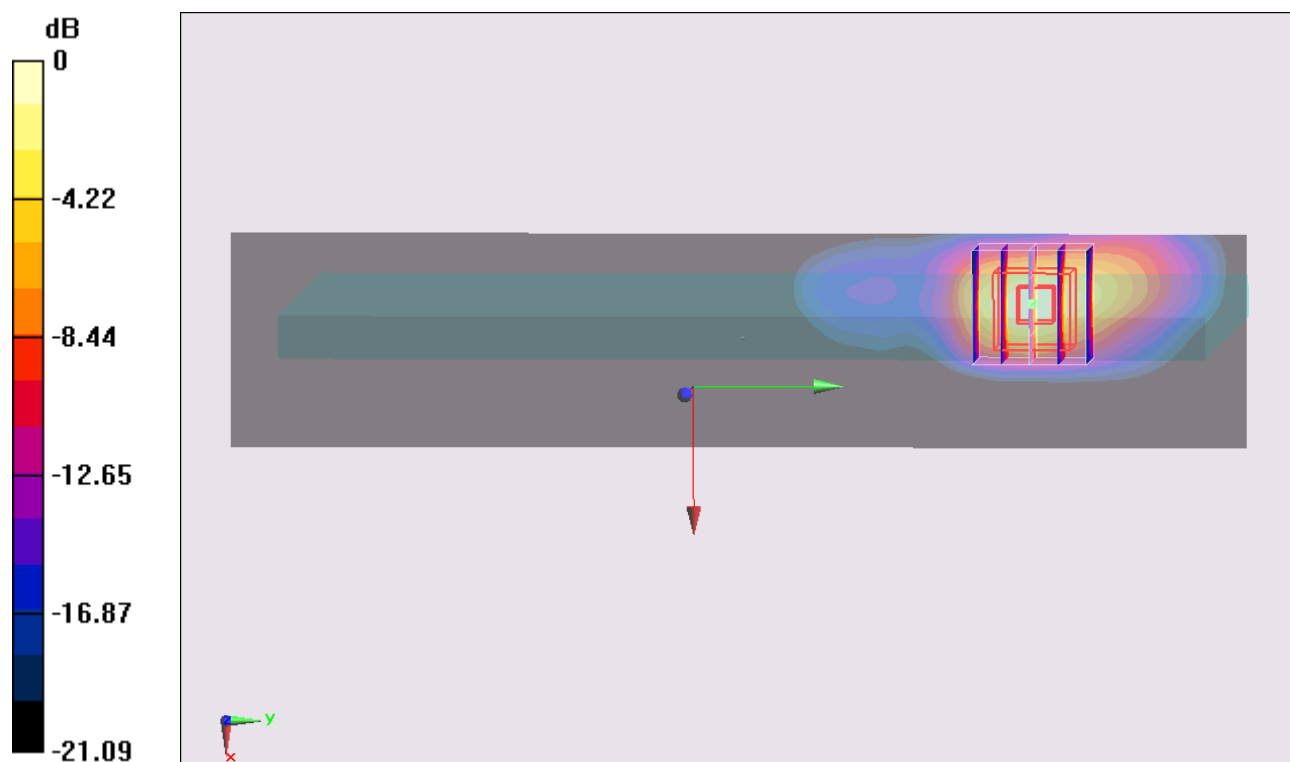
Configuration/Ch20000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 40.346 V/m; Power Drift = 0.026 dB

Peak SAR (extrapolated) = 3.06 W/kg

SAR(1 g) = 1.3 W/kg; SAR(10 g) = 0.567 W/kg

Maximum value of SAR (measured) = 2.14 W/kg



#171_LTE Band 4_10M_QPSK 1RB 49offset_Edge1_0cm_Ch20175_Curve SAR**DUT: 2o2430**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750_121120 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.489$ mho/m; $\epsilon_r = 52.374$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.98, 4.98, 4.98); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch20175/Area Scan (41x191x1): Measurement grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.87 W/kg

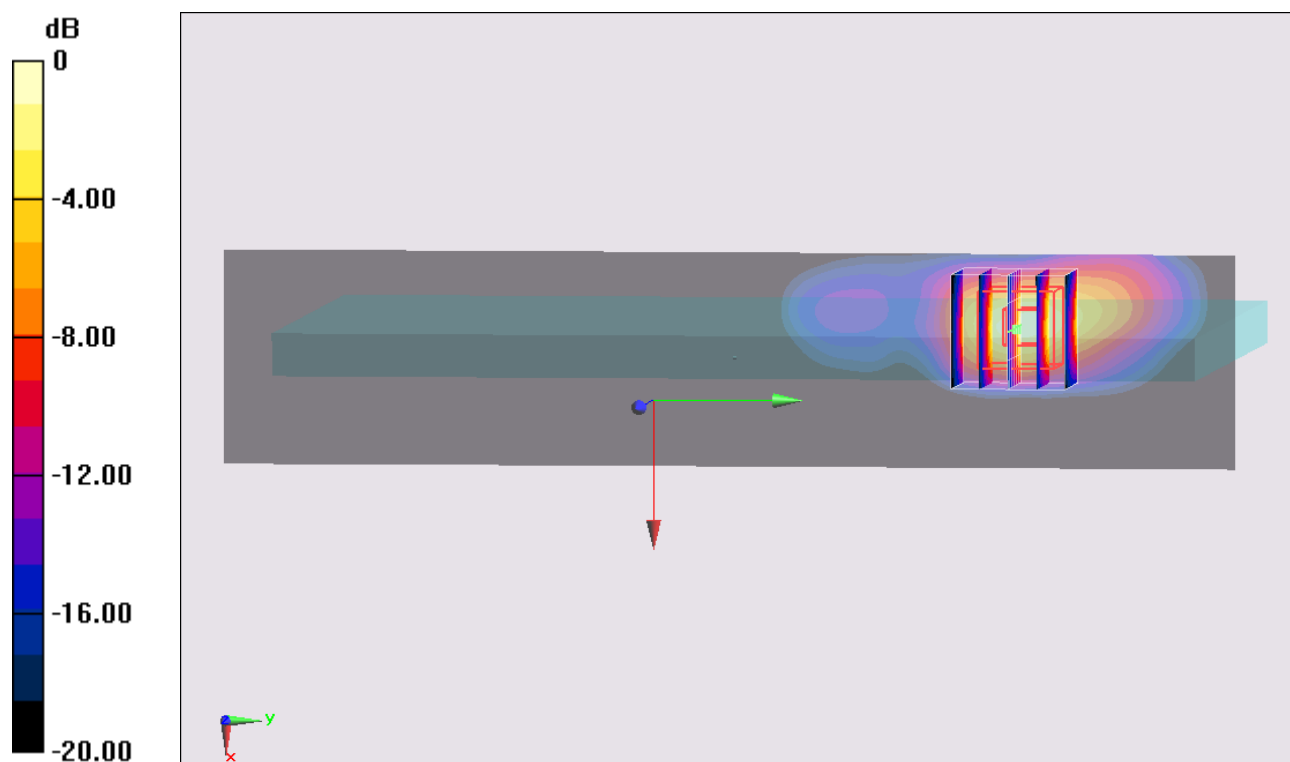
Configuration/Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 40.469 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.04 W/kg

SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.546 W/kg

Maximum value of SAR (measured) = 2.15 W/kg



#54_LTE Band 2_10M_QPSK 1RB 24offset_Bottom Face_1.4cm_Ch18900**DUT: 2O2430**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121123 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r = 54.557$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

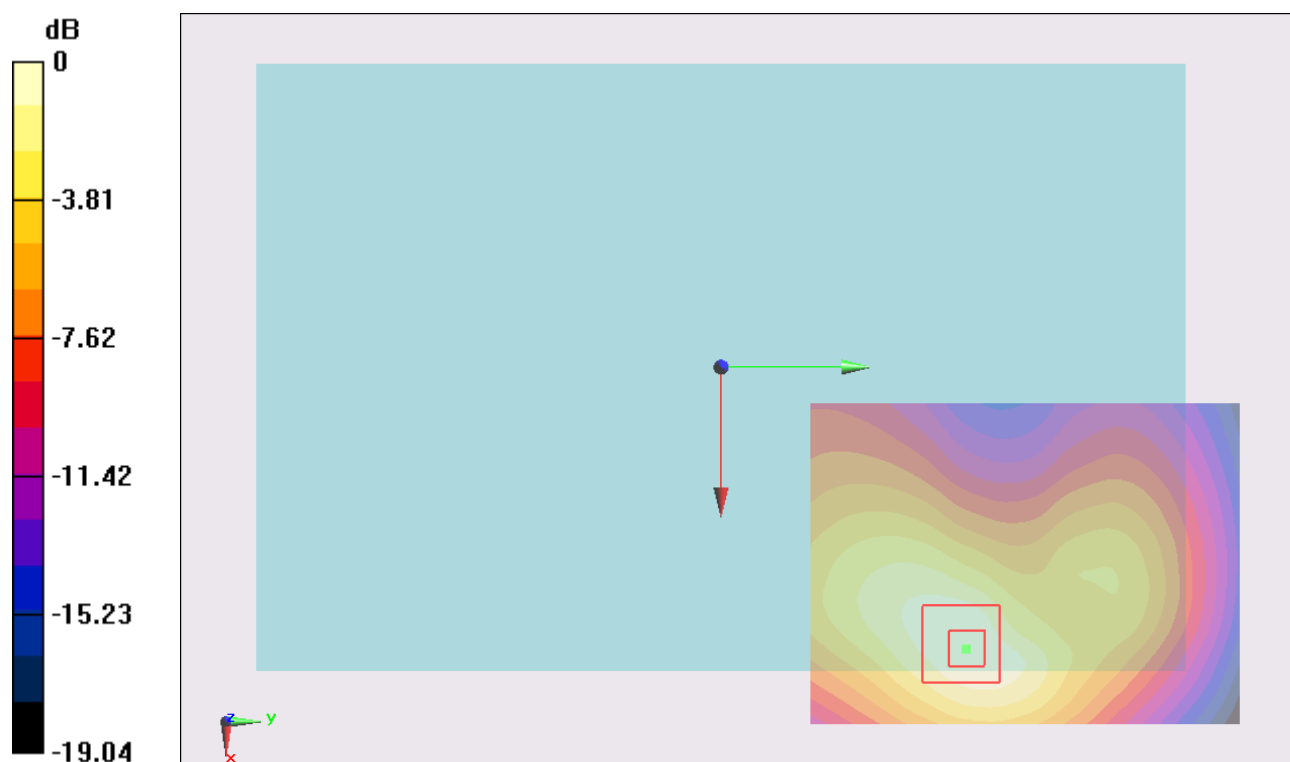
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch18900/Area Scan (61x81x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 21.759 V/m; Power Drift = 0.00 dB

Fast SAR: SAR(1 g) = 0.538 W/kg; SAR(10 g) = 0.314 W/kg

Maximum value of SAR (interpolated) = 0.597 W/kg



0 dB = 0.597 W/kg = -2.24 dBW/kg

#55_LTE Band 2_10M_QPSK 25RB 12offset_Bottom Face_1.4cm_Ch18900**DUT: 202430**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121123 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r = 54.557$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

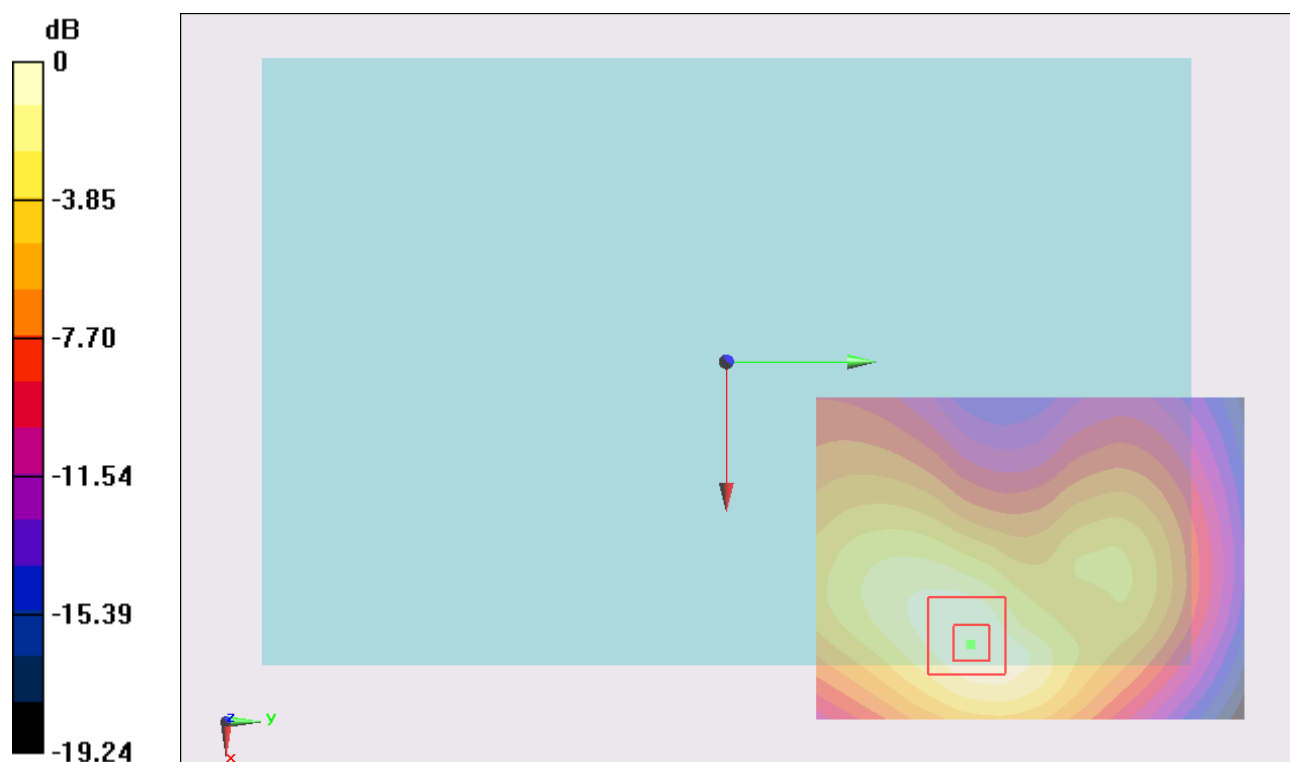
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch18900/Area Scan (61x81x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 19.666 V/m; Power Drift = 0.07 dB

Fast SAR: SAR(1 g) = 0.439 W/kg; SAR(10 g) = 0.257 W/kg

Maximum value of SAR (interpolated) = 0.489 W/kg



0 dB = 0.489 W/kg = -3.11 dBW/kg

#45_LTE Band 2_10M_QPSK 1RB 24offset_Edge 1_1.1cm_Ch18900**DUT: 2O2430**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121123 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r = 54.557$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

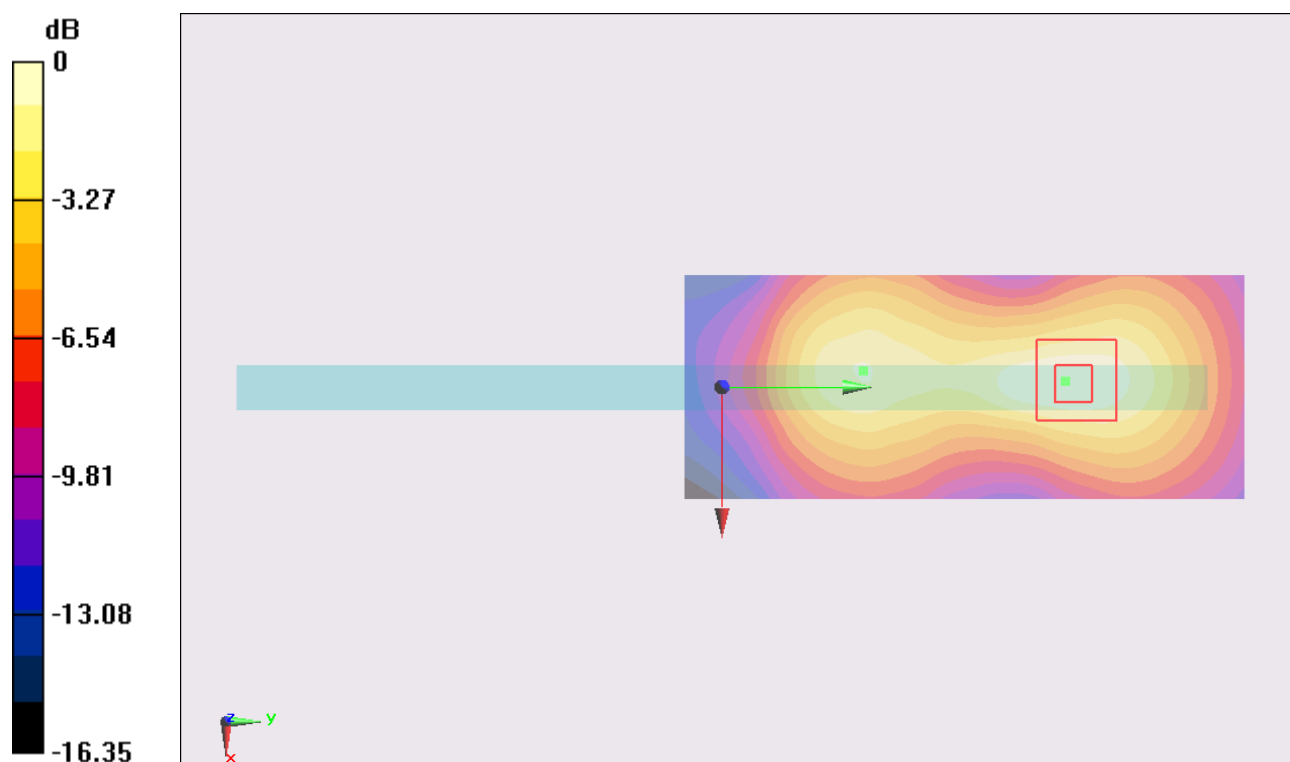
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch18900/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 25.820 V/m; Power Drift = -0.02 dB

Fast SAR: SAR(1 g) = 0.757 W/kg; SAR(10 g) = 0.425 W/kg

Maximum value of SAR (interpolated) = 0.845 W/kg



0 dB = 0.845 W/kg = -0.73 dBW/kg

#48_LTE Band 2_10M_QPSK 25RB 12offset_Edge 1_1.1cm_Ch18900**DUT: 2O2430**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121123 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r = 54.557$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

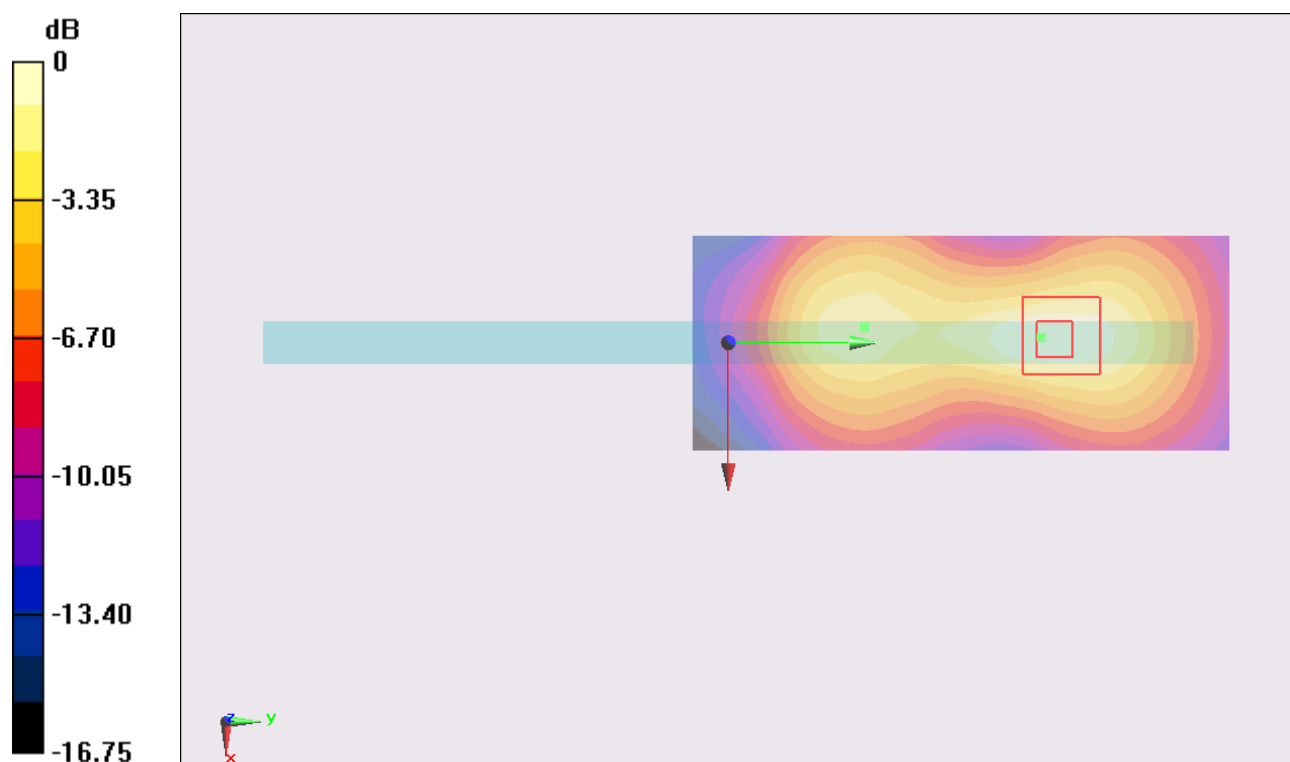
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch18900/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 24.676 V/m; Power Drift = -0.01 dB

Fast SAR: SAR(1 g) = 0.675 W/kg; SAR(10 g) = 0.377 W/kg

Maximum value of SAR (interpolated) = 0.761 W/kg



0 dB = 0.761 W/kg = -1.19 dBW/kg

#52_LTE Band 2_10M_QPSK 1RB 24offset_Edge 2_0cm_Ch18900**DUT: 2O2430**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121123 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r = 54.557$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

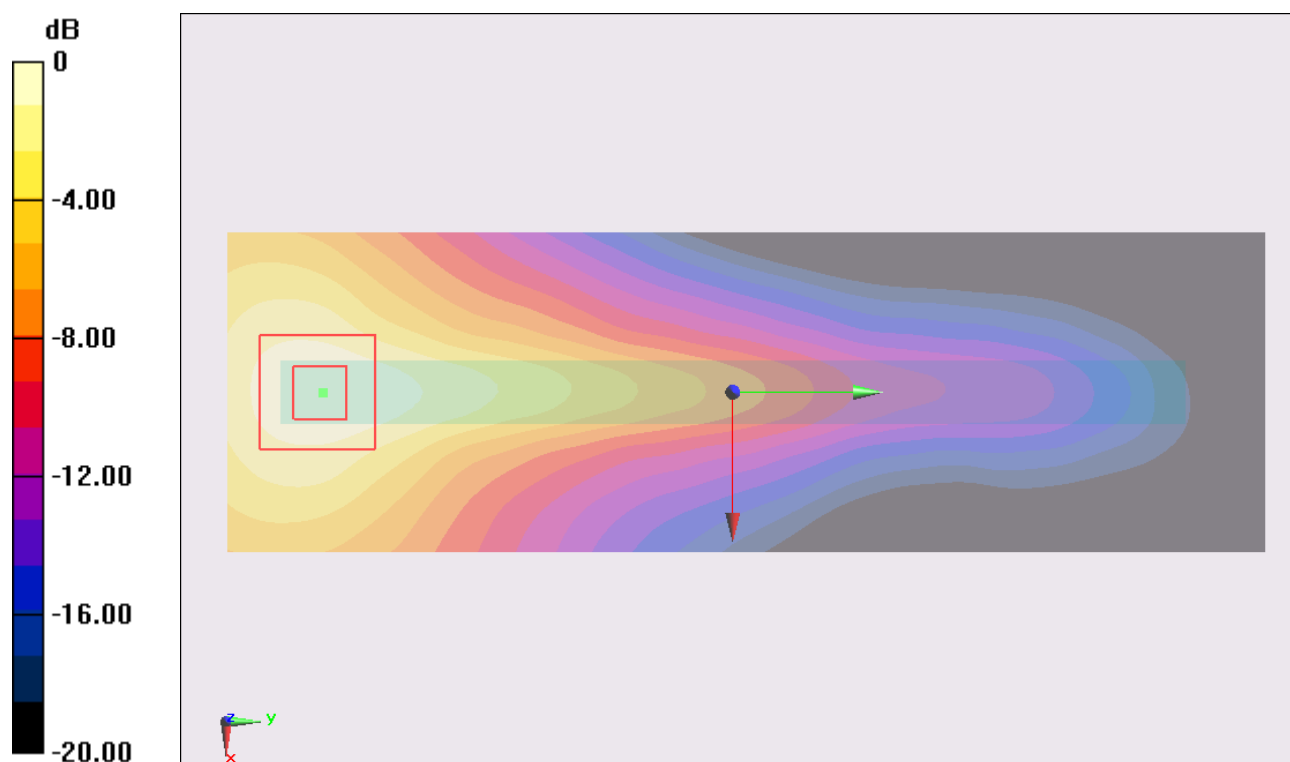
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch18900/Area Scan (41x131x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 16.408 V/m; Power Drift = -0.08 dB

Fast SAR: SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.159 W/kg

Maximum value of SAR (interpolated) = 0.313 W/kg



0 dB = 0.313 W/kg = -5.04 dBW/kg

#53_LTE Band 2_10M_QPSK 25RB 12offset_Edge 2_0cm_Ch18900**DUT: 202430**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121123 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r = 54.557$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

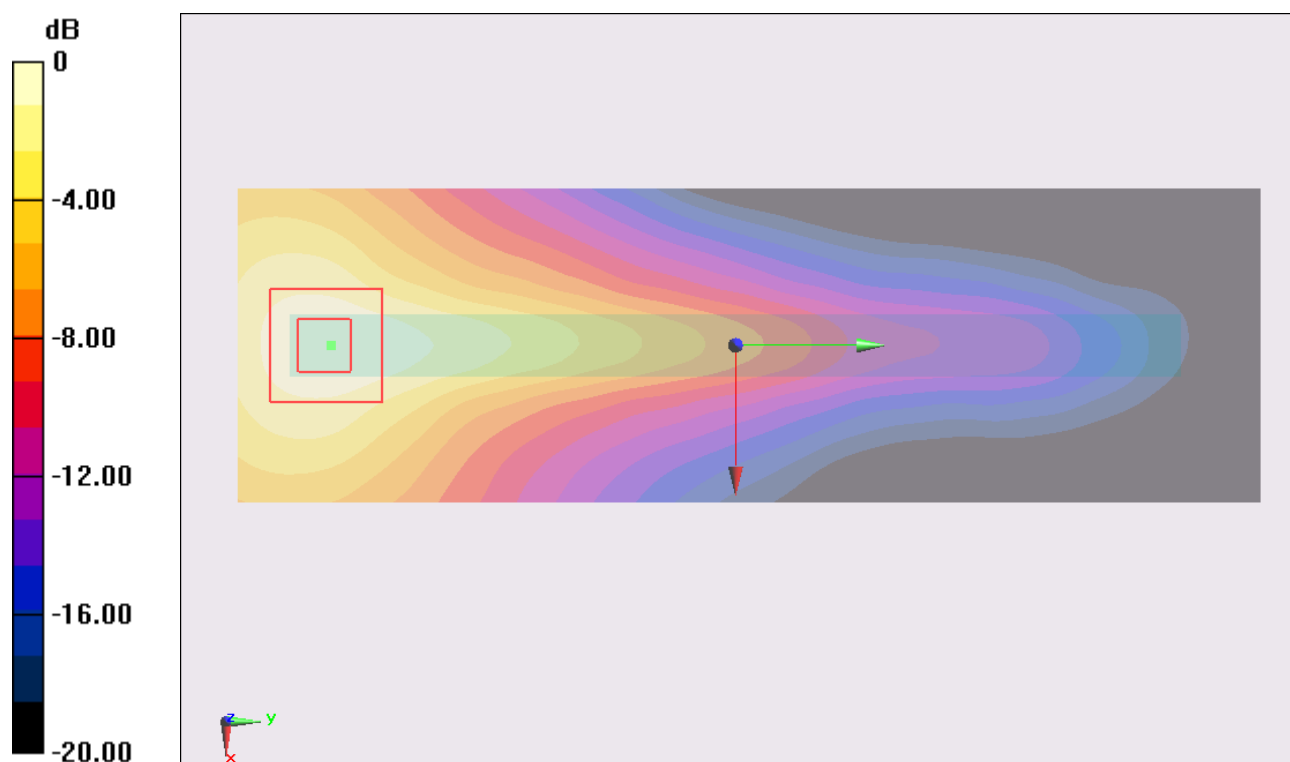
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch18900/Area Scan (41x131x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 14.700 V/m; Power Drift = -0.02 dB

Fast SAR: SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.128 W/kg

Maximum value of SAR (interpolated) = 0.252 W/kg



0 dB = 0.252 W/kg = -5.99 dBW/kg

#36_LTE Band 2_10M_QPSK 1RB 24offset_Bottom Face_0cm_Ch18900**DUT: 2O2430**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121123 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r = 54.557$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

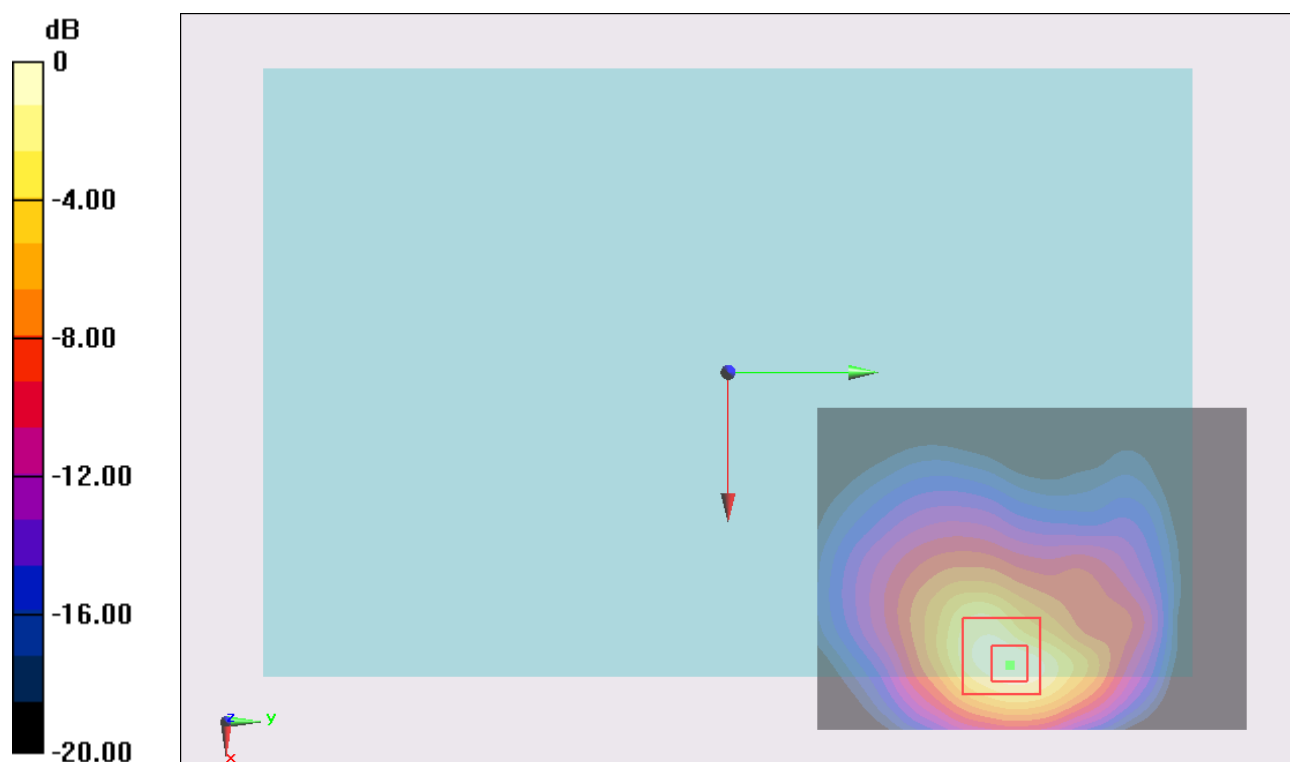
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch18900/Area Scan (61x81x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 25.186 V/m; Power Drift = 0.02 dB

Fast SAR: SAR(1 g) = 0.672 W/kg; SAR(10 g) = 0.338 W/kg

Maximum value of SAR (interpolated) = 0.825 W/kg



0 dB = 0.825 W/kg = -0.84 dBW/kg

#37_LTE Band 2_10M_QPSK 25RB 12offset_Bottom Face_0cm_Ch18900**DUT: 202430**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121123 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r = 54.557$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

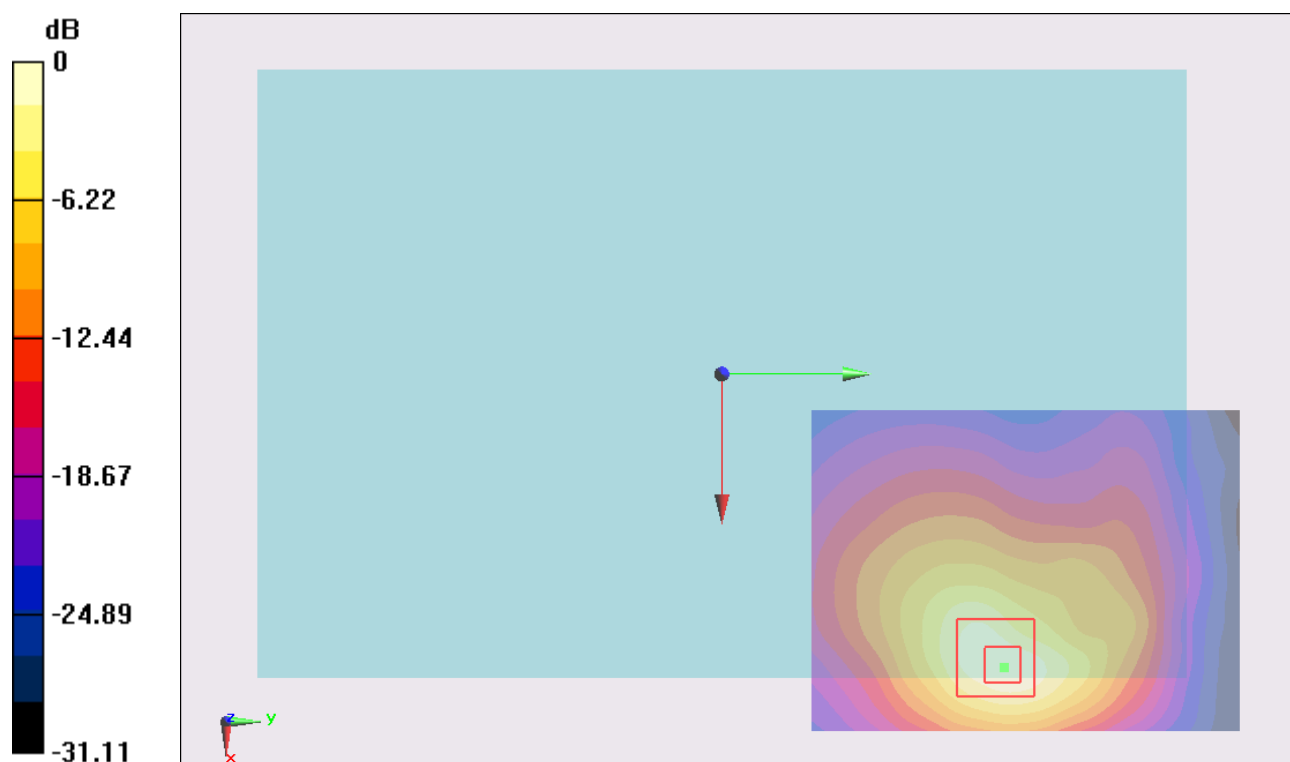
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch18900/Area Scan (61x81x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 22.061 V/m; Power Drift = 0.00 dB

Fast SAR: SAR(1 g) = 0.519 W/kg; SAR(10 g) = 0.261 W/kg

Maximum value of SAR (interpolated) = 0.633 W/kg



0 dB = 0.633 W/kg = -1.99 dBW/kg

#38_LTE Band 2_10M_QPSK 1RB 24offset_Edge 1_0cm_Ch18900**DUT: 2O2430**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121123 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r = 54.557$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

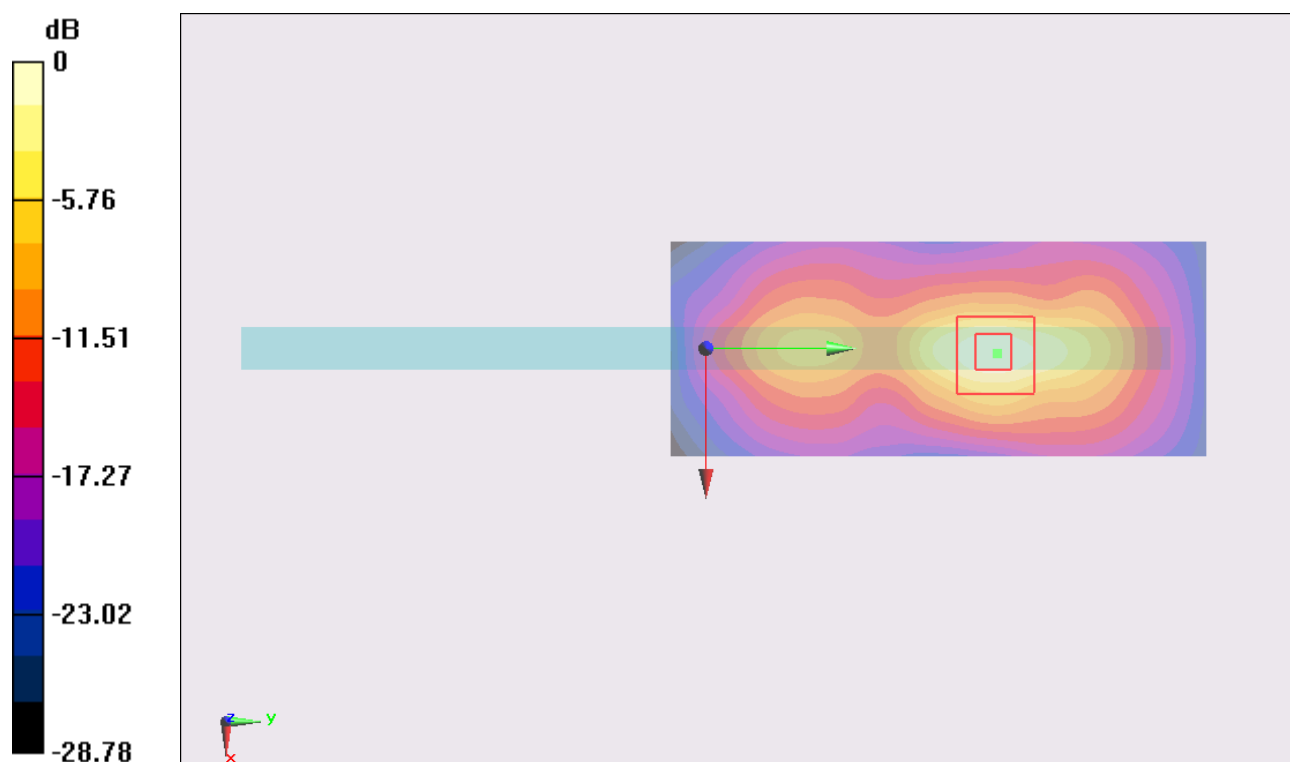
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch18900/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 30.391 V/m; Power Drift = -0.01 dB

Fast SAR: SAR(1 g) = 0.933 W/kg; SAR(10 g) = 0.402 W/kg

Maximum value of SAR (interpolated) = 1.19 W/kg



0 dB = 1.19 W/kg = 0.76 dBW/kg

#39_LTE Band 2_10M_QPSK 1RB 24offset_Edge 1_0cm_Ch18650**DUT: 2O2430**

Communication System: LTE; Frequency: 1855 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121123 Medium parameters used: $f = 1855$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 54.641$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

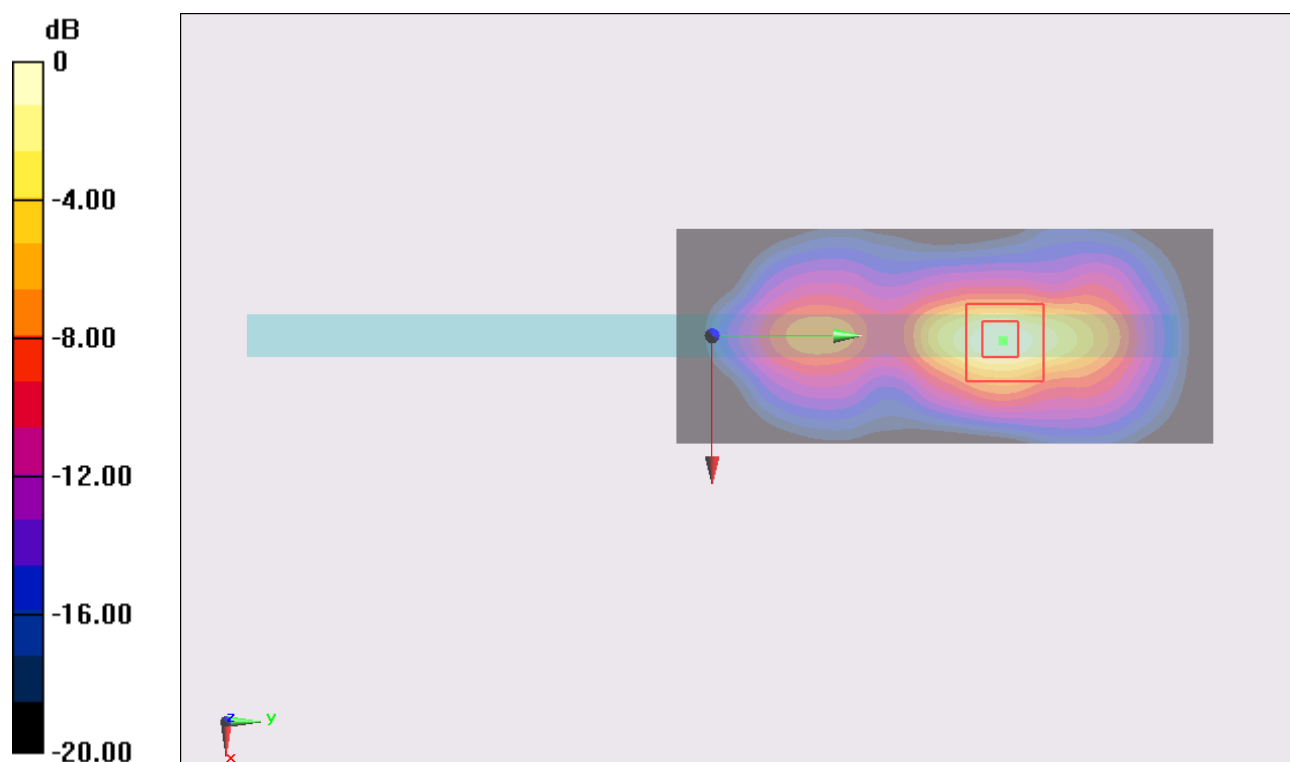
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch18650/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 29.616 V/m; Power Drift = -0.01 dB

Fast SAR: SAR(1 g) = 0.860 W/kg; SAR(10 g) = 0.370 W/kg

Maximum value of SAR (interpolated) = 1.10 W/kg



0 dB = 1.10 W/kg = 0.41 dBW/kg

#40_LTE Band 2_10M_QPSK 1RB 24offset_Edge 1_0cm_Ch19150**DUT: 2O2430**

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121123 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.546$ mho/m; $\epsilon_r = 54.438$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

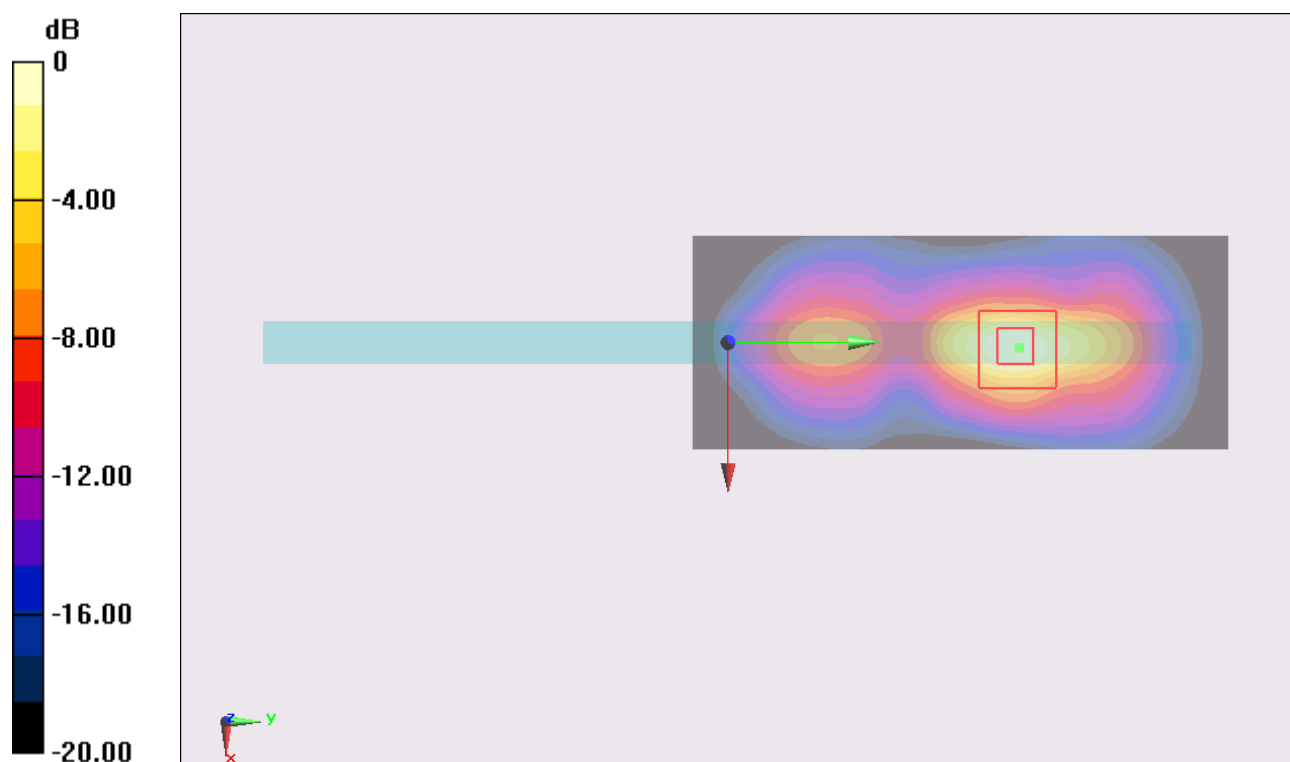
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch19150/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 30.480 V/m; Power Drift = -0.01 dB

Fast SAR: SAR(1 g) = 0.953 W/kg; SAR(10 g) = 0.411 W/kg

Maximum value of SAR (interpolated) = 1.20 W/kg



0 dB = 1.20 W/kg = 0.79 dBW/kg

#41_LTE Band 2_10M_QPSK 25RB 12offset_Edge 1_0cm_Ch18900**DUT: 2O2430**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121123 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r = 54.557$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

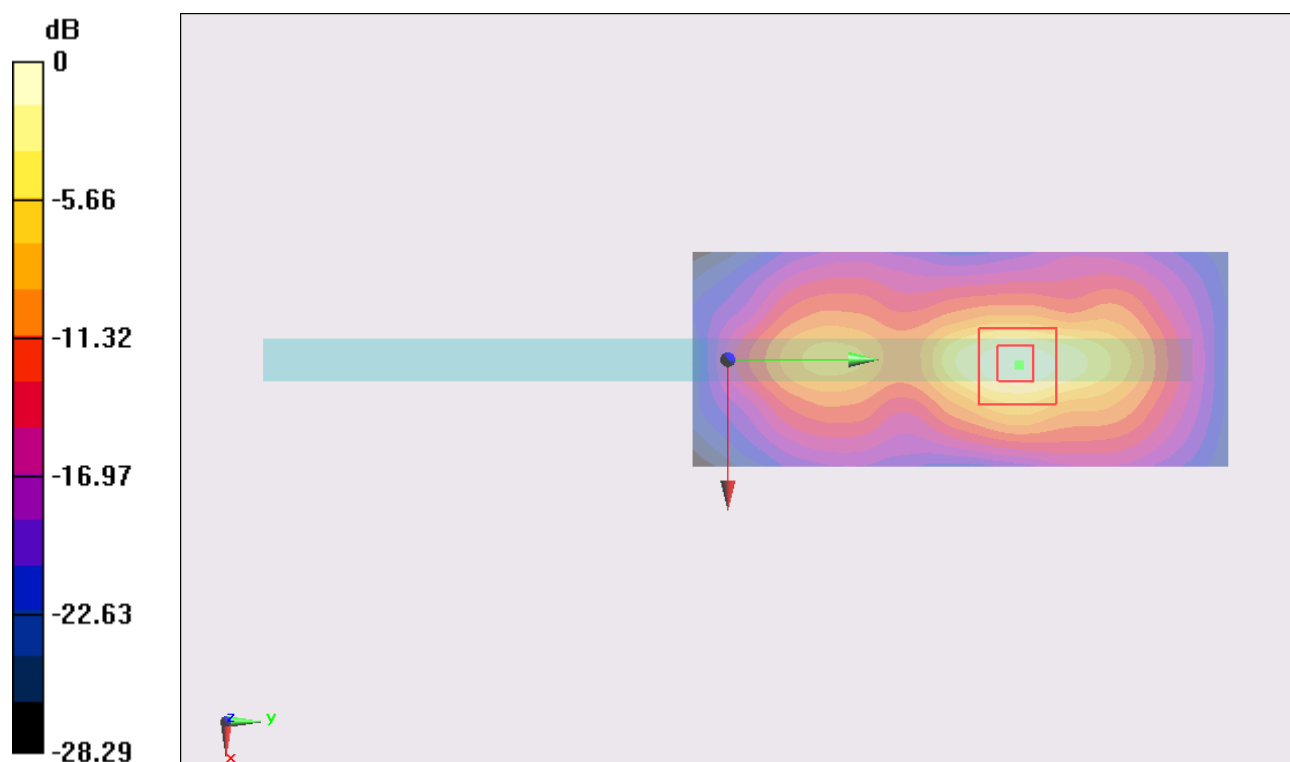
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch18900/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 27.605 V/m; Power Drift = -0.00 dB

Fast SAR: SAR(1 g) = 0.763 W/kg; SAR(10 g) = 0.328 W/kg

Maximum value of SAR (interpolated) = 0.974 W/kg



0 dB = 0.974 W/kg = -0.11 dBW/kg

#44_LTE Band 2_10M_QPSK 50RB 0offset_Edge 1_0cm_Ch18900**DUT: 2O2430**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121123 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r = 54.557$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

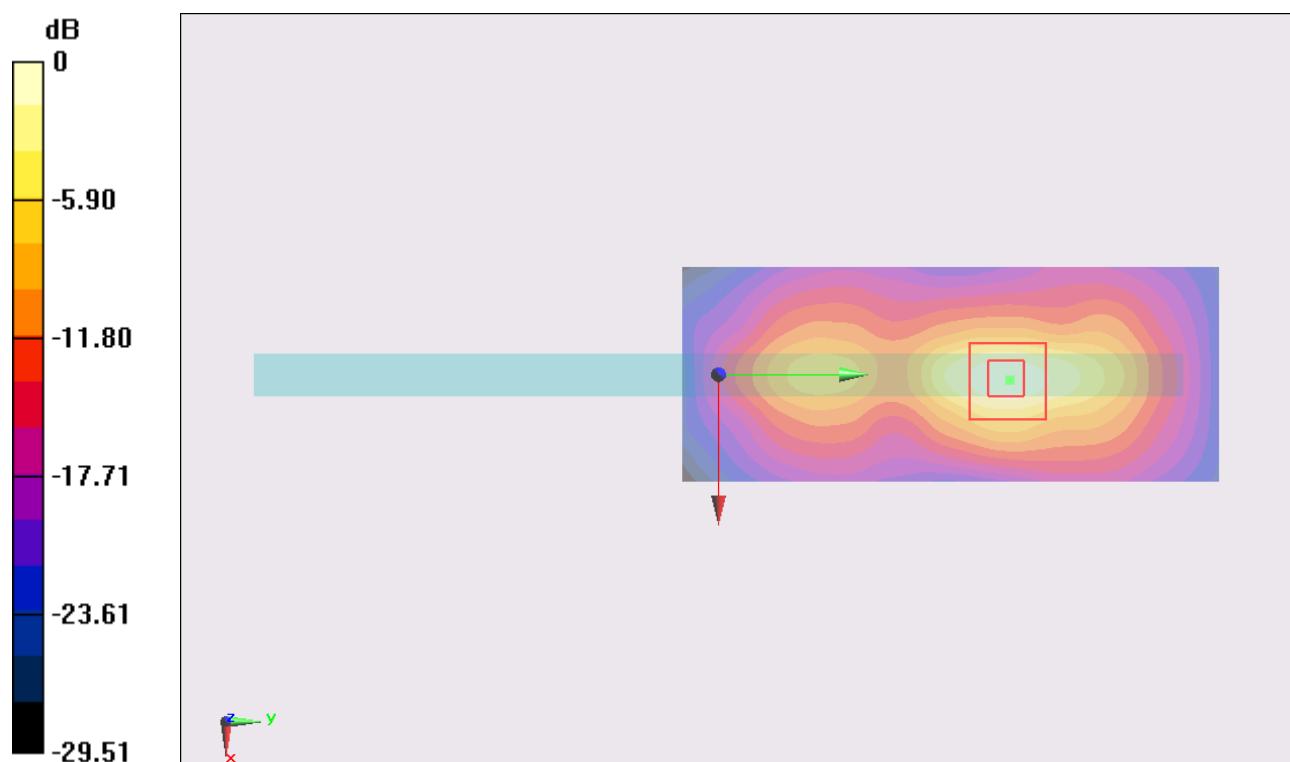
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch18900/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 27.379 V/m; Power Drift = -0.04 dB

Fast SAR: SAR(1 g) = 0.742 W/kg; SAR(10 g) = 0.319 W/kg

Maximum value of SAR (interpolated) = 0.945 W/kg



0 dB = 0.945 W/kg = -0.25 dBW/kg

#112_LTE Band 2_10M_QPSK 1RB 24offset_Edge 1_0cm_Ch18900_Curve SAR**DUT: 2O2430**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121123 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.516$ mho/m; $\epsilon_r = 54.557$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

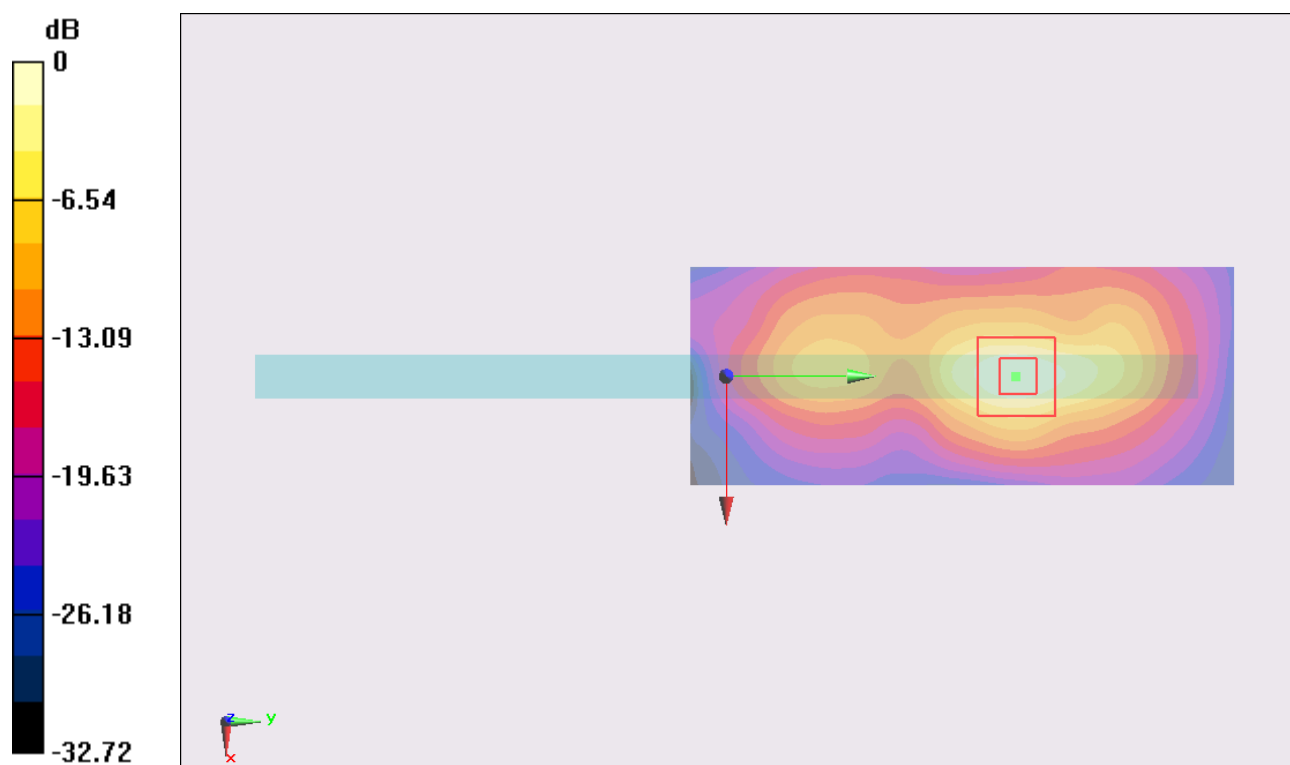
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch18900/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 34.068 V/m; Power Drift = -0.14 dB

Fast SAR: SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.484 W/kg

Maximum value of SAR (interpolated) = 1.42 W/kg



0 dB = 1.42 W/kg = 1.52 dBW/kg

#113_LTE Band 2_10M_QPSK 1RB 24offset_Edge 1_0cm_Ch18650_Curve SAR**DUT: 2O2430**

Communication System: LTE; Frequency: 1855 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121123 Medium parameters used: $f = 1855$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 54.641$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

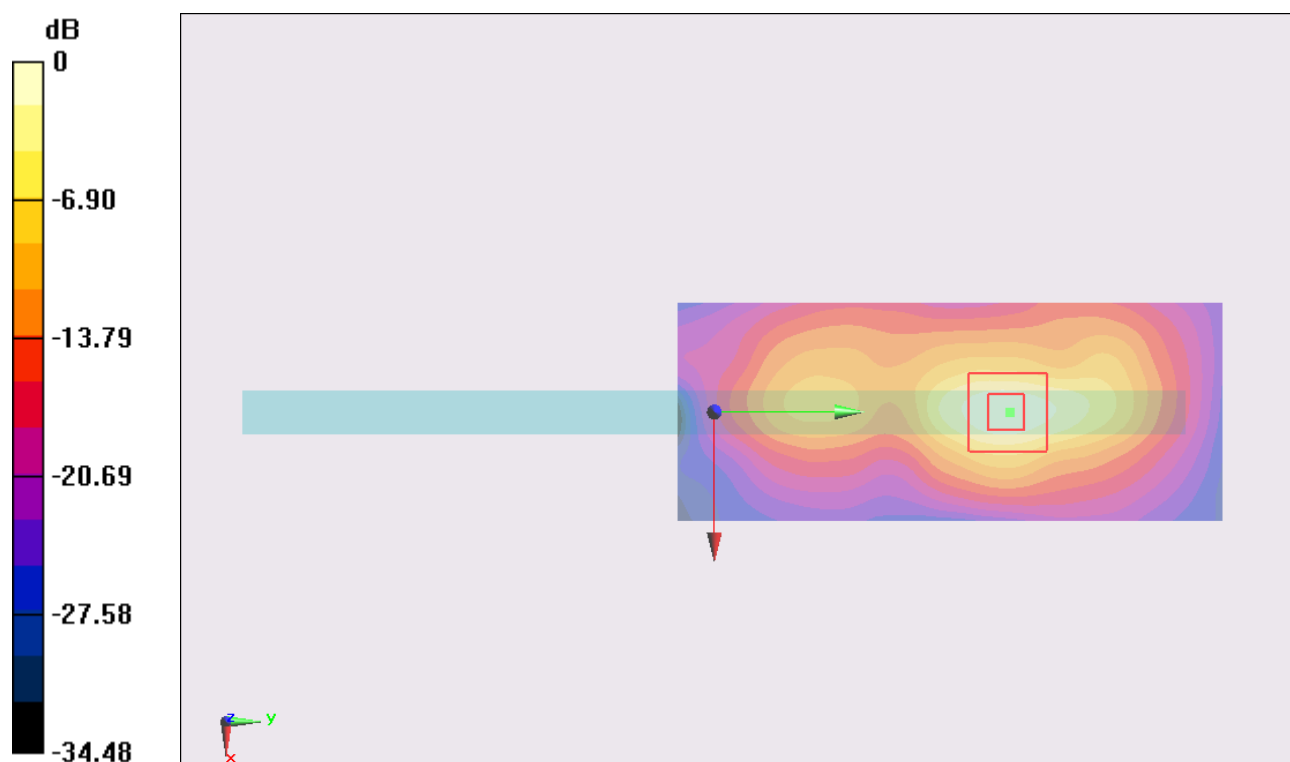
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch18650/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm

Reference Value = 32.709 V/m; Power Drift = -0.03 dB

Fast SAR: SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.452 W/kg

Maximum value of SAR (interpolated) = 1.34 W/kg



0 dB = 1.34 W/kg = 1.27 dBW/kg

#114_LTE Band 2_10M_QPSK 1RB 24offset_Edge 1_0cm_Ch19150_Curve SAR**DUT: 2O2430**

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121123 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.546$ mho/m; $\epsilon_r = 54.438$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch19150/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.44 W/kg

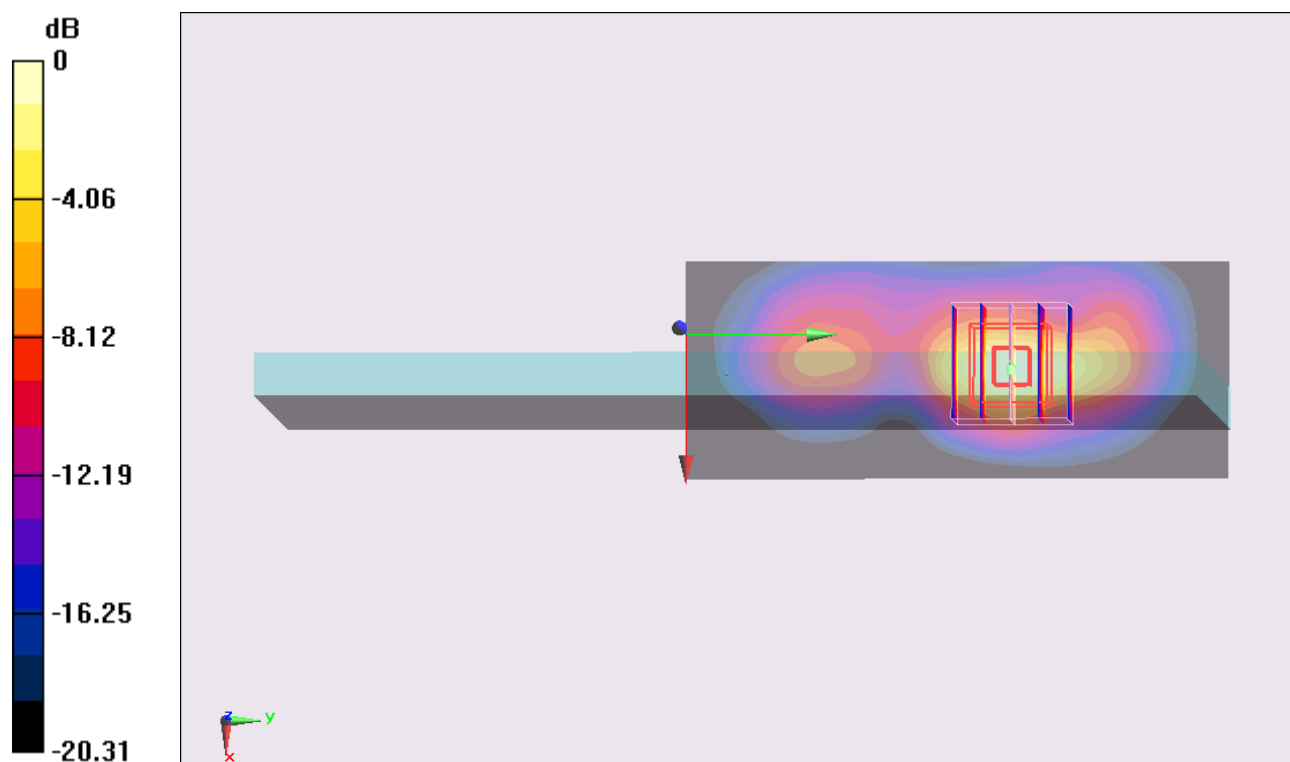
Configuration/Ch19150/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.308 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.29 W/kg

SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.559 W/kg

Maximum value of SAR (measured) = 1.46 W/kg



#114_LTE Band 2_10M_QPSK 1RB 24offset_Edge 1_0cm_Ch19150_Curve SAR_2D**DUT: 2O2430**

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121123 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.546$ mho/m; $\epsilon_r = 54.438$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch19150/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.44 W/kg

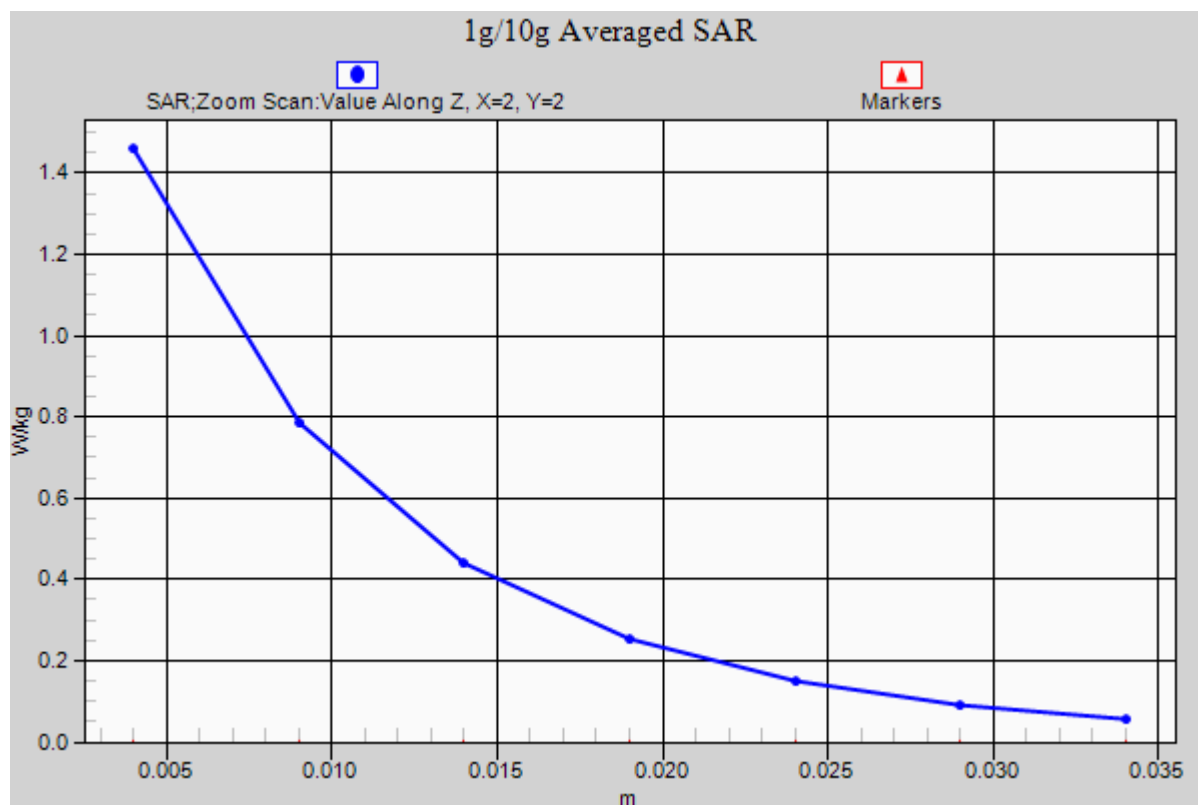
Configuration/Ch19150/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.308 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.29 W/kg

SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.559 W/kg

Maximum value of SAR (measured) = 1.46 W/kg



**#172_LTE Band 2_10M_QPSK 1RB 24offset_Edge 1_0cm_Ch19150_Curve
SAR_Repeat****DUT: 2O2430**

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: MSL_1900_121123 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.546$ mho/m; $\epsilon_r = 54.438$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

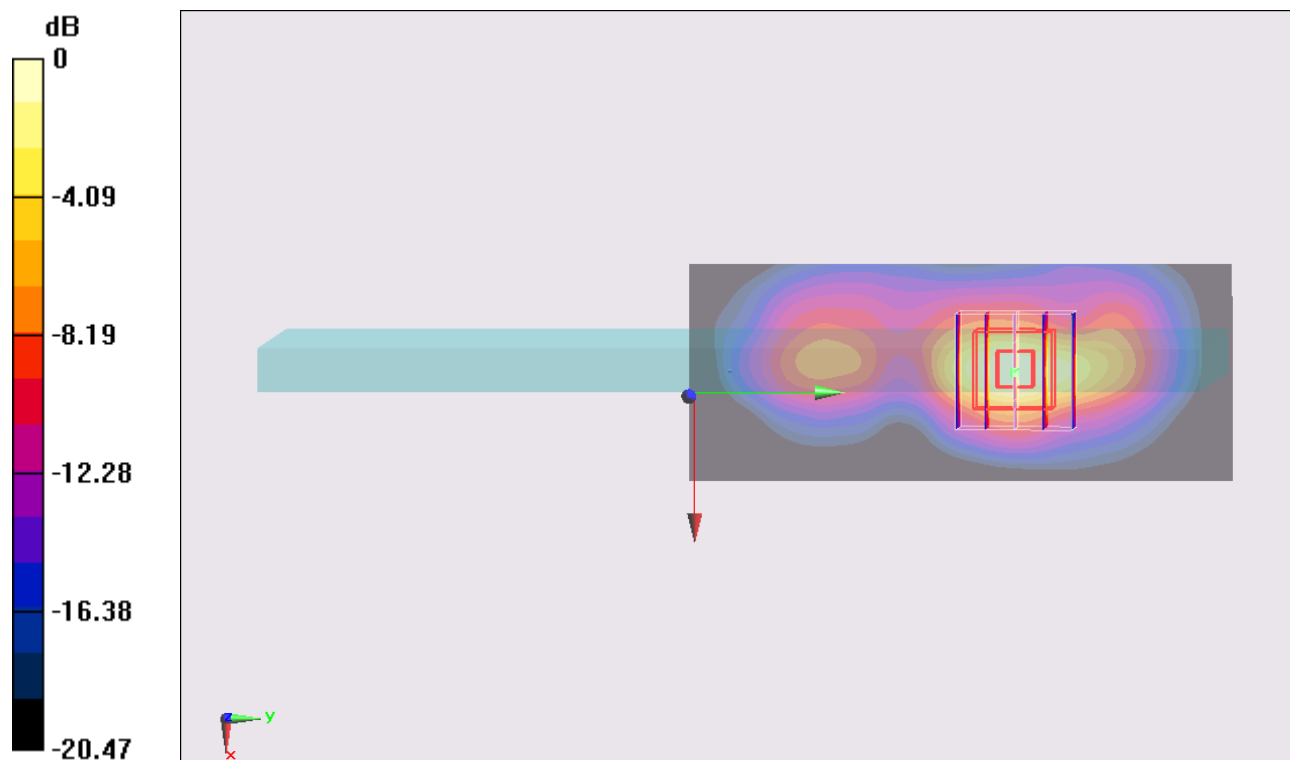
Configuration/Ch19150/Area Scan (41x101x1): Measurement grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 1.42 W/kg**Configuration/Ch19150/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.322 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.26 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.553 W/kg

Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.44 W/kg = 1.58 dBW/kg

#122_WLAN2.4G_802.11b_Bottom Face_0cm_Ch11**DUT: 2O2430**

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_121124 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.036$ mho/m; $\epsilon_r = 52.253$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch11/Area Scan (81x121x1): Measurement grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.73 W/kg

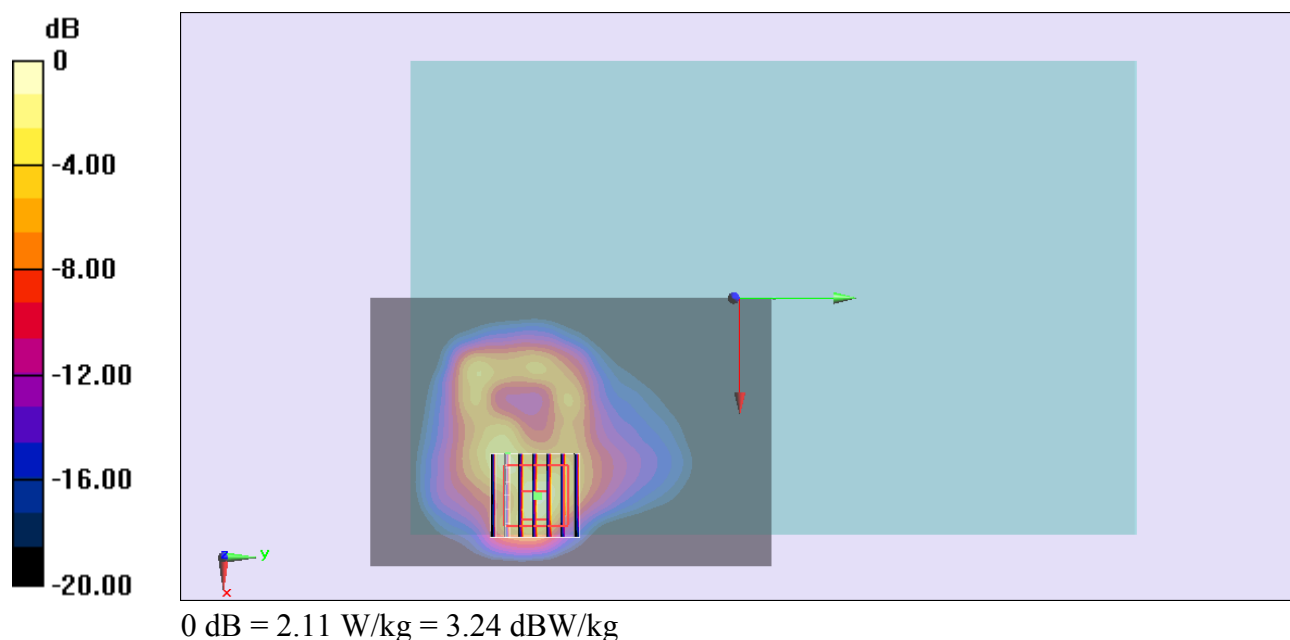
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.099 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 5.87 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.455 W/kg

Maximum value of SAR (measured) = 2.11 W/kg



#173_WLAN2.4G_802.11b_Bottom Face_0cm_Ch11_Repeat**DUT: 2O2430**

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_121124 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.036$ mho/m; $\epsilon_r = 52.253$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch11/Area Scan (81x121x1): Measurement grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.78 W/kg

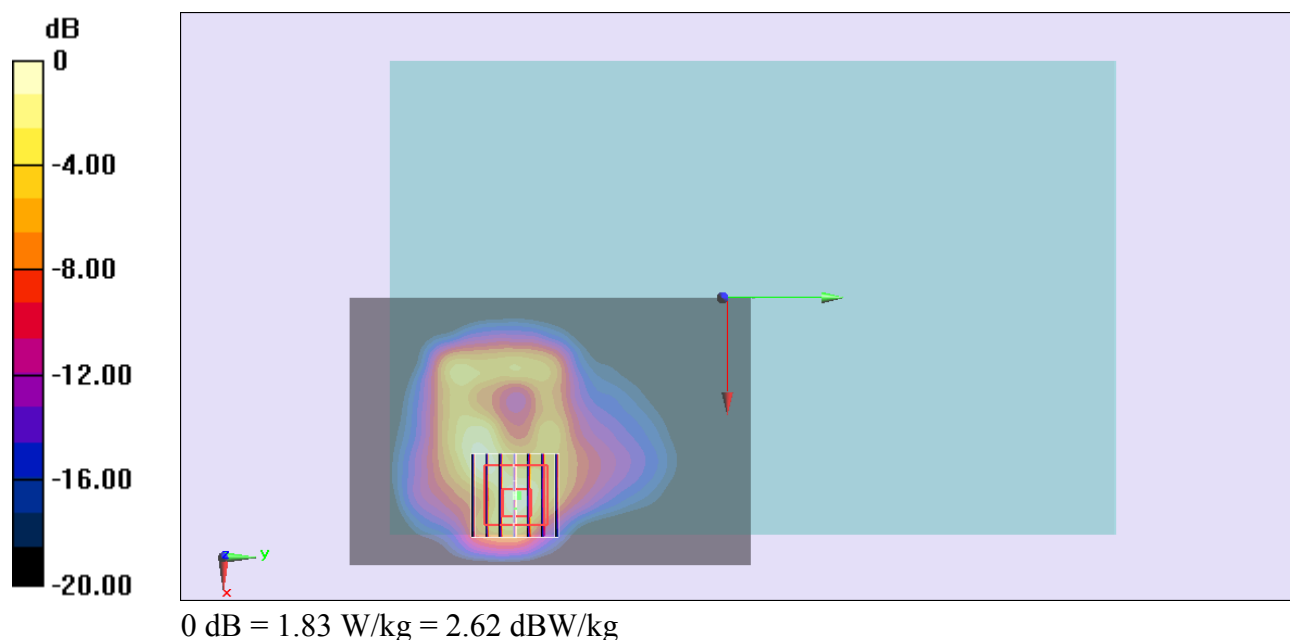
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.377 V/m; Power Drift = 0.160 dB

Peak SAR (extrapolated) = 2.69 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.459 W/kg

Maximum value of SAR (measured) = 1.83 W/kg



#173_WLAN2.4G_802.11b_Bottom Face_0cm_Ch11_Repeat_2D**DUT: 2O2430**

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_121124 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.036$ mho/m; $\epsilon_r = 52.253$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch11/Area Scan (81x121x1): Measurement grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.78 W/kg

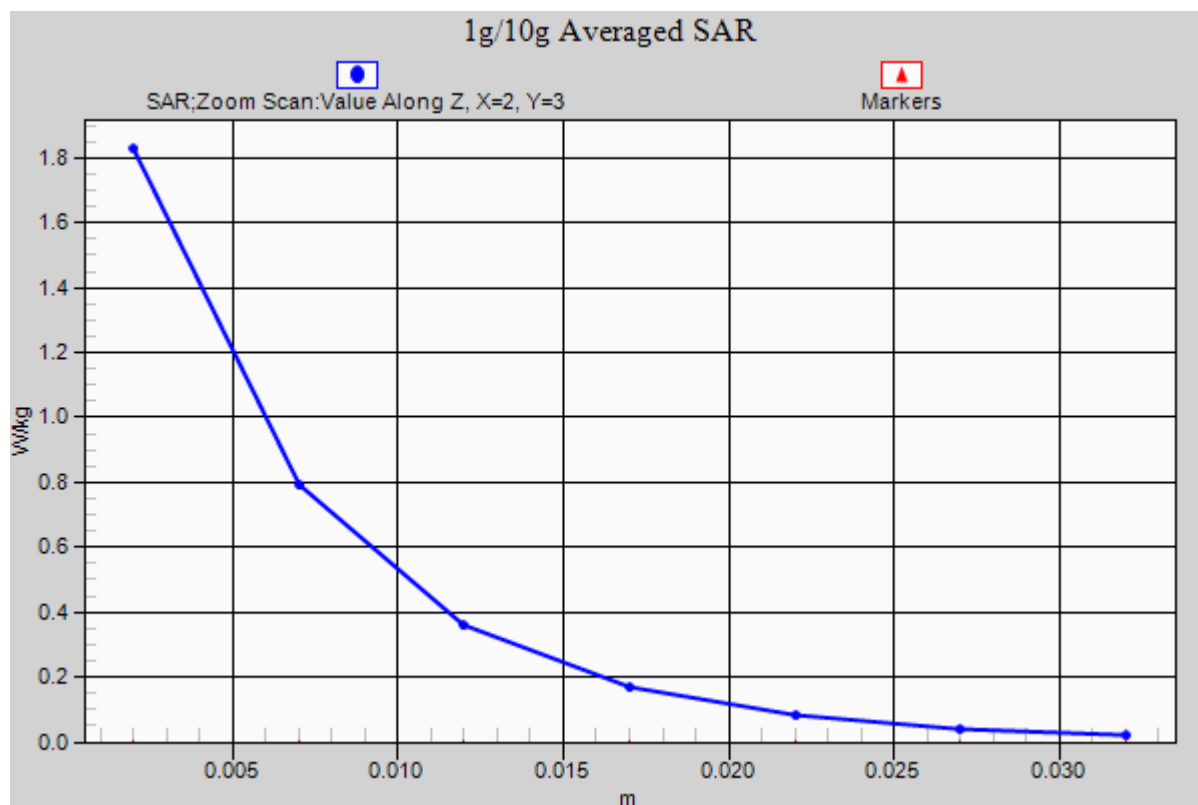
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.377 V/m; Power Drift = 0.160 dB

Peak SAR (extrapolated) = 2.69 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.459 W/kg

Maximum value of SAR (measured) = 1.83 W/kg



#120_WLAN2.4G_802.11b_Bottom Face_0cm_Ch1**DUT: 2O2430**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_121124 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.965$ mho/m; $\epsilon_r = 52.487$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

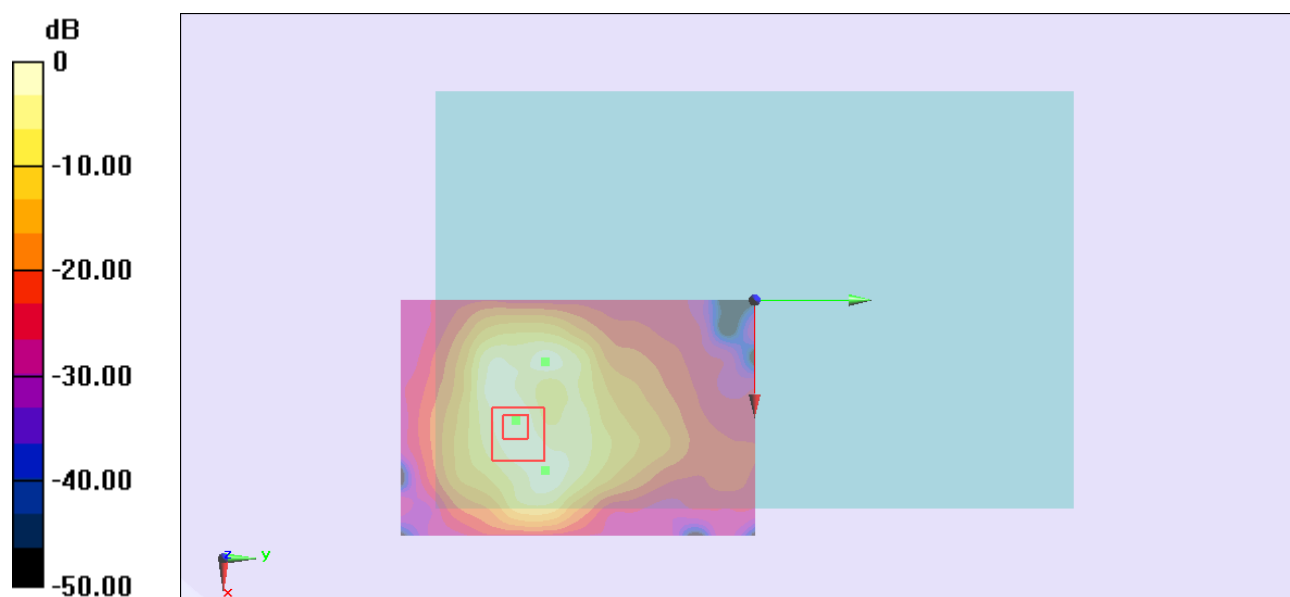
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch1/Area Scan (81x121x1): Measurement grid: dx=12 mm, dy=12 mm

Reference Value = 21.094 V/m; Power Drift = 0.09 dB

Fast SAR: SAR(1 g) = 0.874 W/kg; SAR(10 g) = 0.408 W/kg

Maximum value of SAR (interpolated) = 1.42 W/kg



0 dB = 1.42 W/kg = 1.52 dBW/kg

#121_WLAN2.4G_802.11b_Bottom Face_0cm_Ch6**DUT: 2O2430**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_121124 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.999$ mho/m; $\epsilon_r = 52.369$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

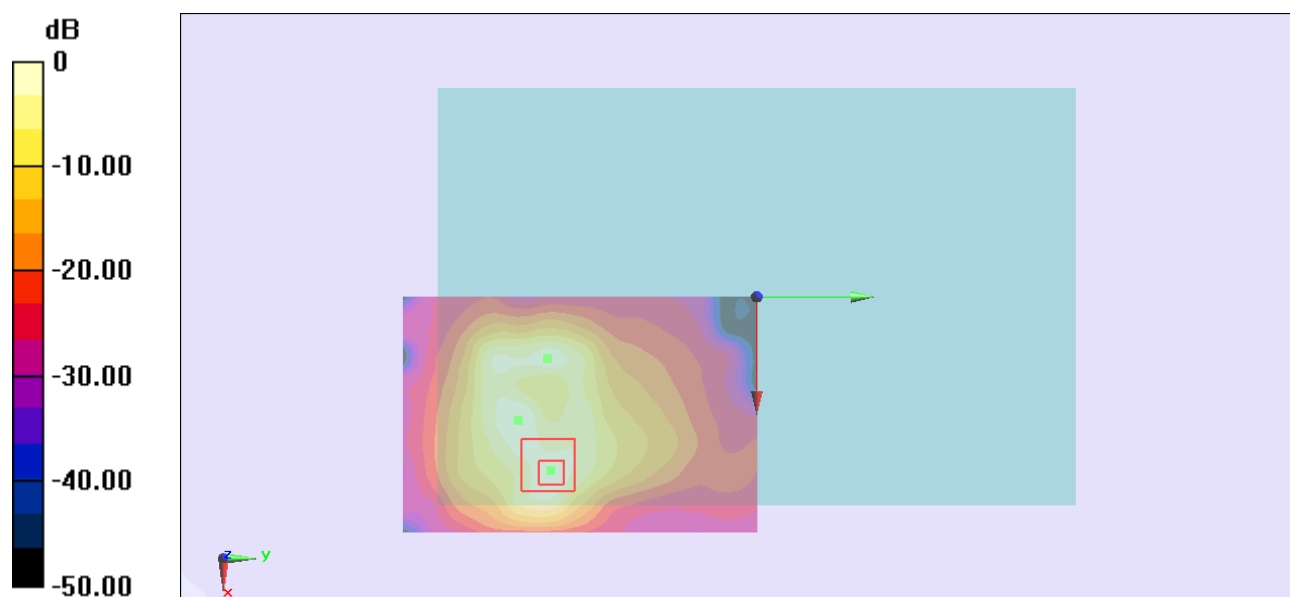
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch6/Area Scan (81x121x1): Measurement grid: dx=12 mm, dy=12 mm

Reference Value = 18.237 V/m; Power Drift = 0.164 dB

Fast SAR: SAR(1 g) = 0.876 W/kg; SAR(10 g) = 0.382 W/kg

Maximum value of SAR (interpolated) = 1.47 W/kg



0 dB = 1.47 W/kg = 1.67 dBW/kg

#124_WLAN2.4G_802.11b_Edge1_0cm_Ch11**DUT: 202430**

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_121124 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.036$ mho/m; $\epsilon_r = 52.253$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

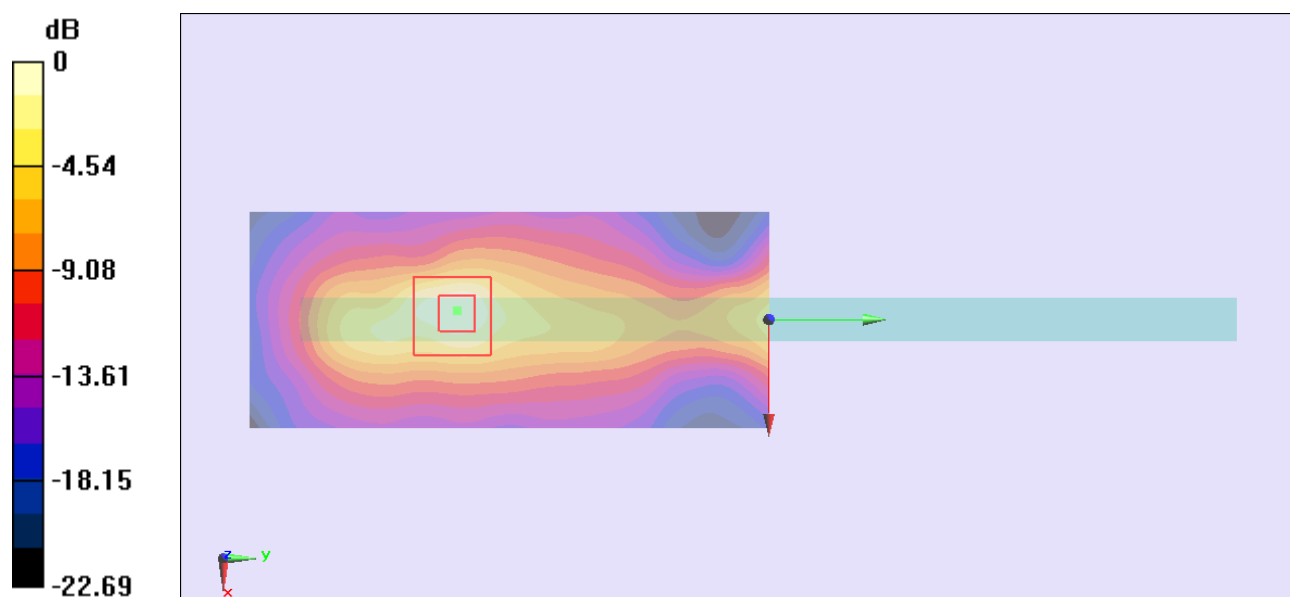
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch11/Area Scan (51x121x1): Measurement grid: dx=12 mm, dy=12 mm

Reference Value = 9.781 V/m; Power Drift = -0.15 dB

Fast SAR: SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.068 W/kg

Maximum value of SAR (interpolated) = 0.239 W/kg



0 dB = 0.239 W/kg = -6.22 dBW/kg

#125_WLAN2.4G_802.11b_Edge1_0cm_Ch11_Curve SAR**DUT: 202430**

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_121124 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.036$ mho/m; $\epsilon_r = 52.253$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

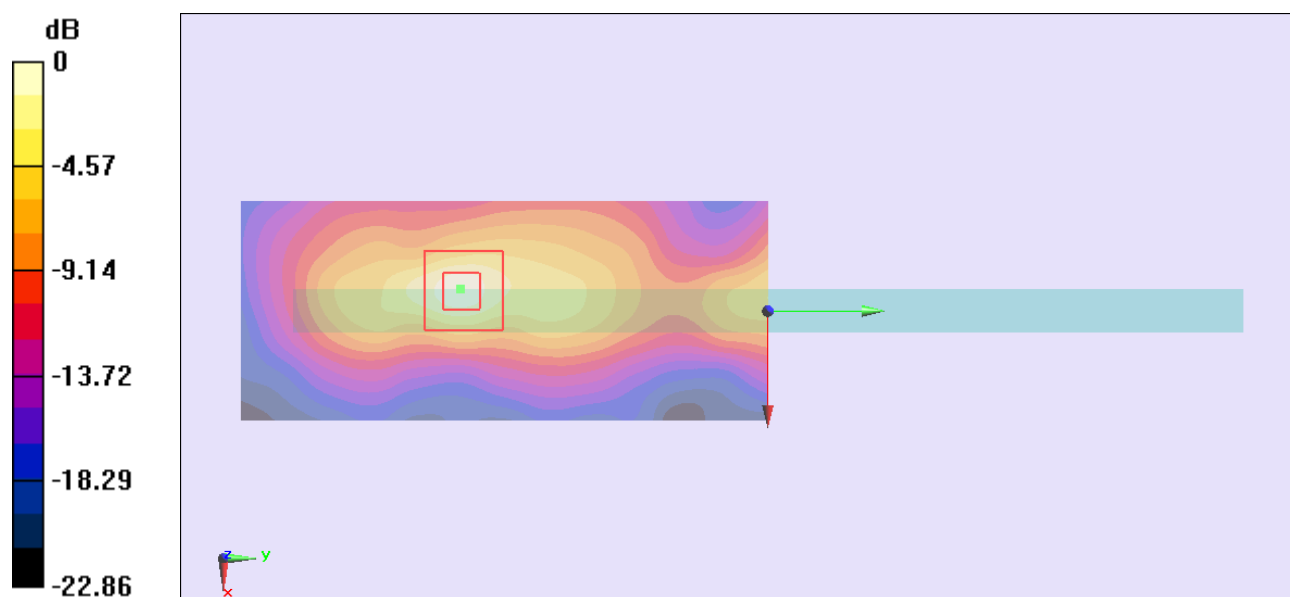
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.7 (6848)

Configuration/Ch11/Area Scan (51x121x1): Measurement grid: dx=12 mm, dy=12 mm

Reference Value = 10.786 V/m; Power Drift = 0.125 dB

Fast SAR: SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.072 W/kg

Maximum value of SAR (interpolated) = 0.295 W/kg



0 dB = 0.295 W/kg = -5.30 dBW/kg